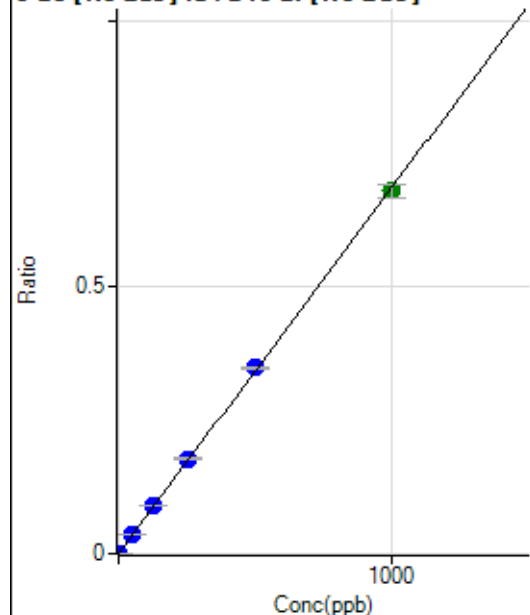


Calibration for 006CALB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P810313MS2.b\
 Analysis File: P810313MS2.batch.bin
 DA Date-Time: 2023-11-01 00:22:05
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	006CALB.d	S00	2023-10-31 12:26:47
2	008CALS.d	S02	2023-10-31 12:33:37
3	009CALS.d	S03	2023-10-31 12:37:01
4	010CALS.d	S04	2023-10-31 12:40:18
5	011CALS.d	S05	2023-10-31 12:43:23
6	012CALS.d	S06	2023-10-31 12:46:28
7	013CALS.d	S07	2023-10-31 12:49:30
8	014CALS.d	S08	2023-10-31 12:52:34

9 Be [No Gas] ISTD:6 Li [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	39.16	0.0000	P	17.0
2	☐	1.000	0.874	1361.98	0.0006	P	1.4
3	☐	50.000	51.612	76680.61	0.0354	P	2.4
4	☐	125.000	132.707	187661.84	0.0911	P	1.4
5	☐	250.000	259.453	358406.36	0.1780	P	0.8
6	☐	500.000	508.640	677312.65	0.3490	P	1.1
7	☐	1000.000	992.273	1323773.40	0.6809	A	3.4
8	☐			581.61	0.0003	P	12.0

$$y = 6.8618E-004 * x + 1.7394E-005$$

$$R = 0.9999$$

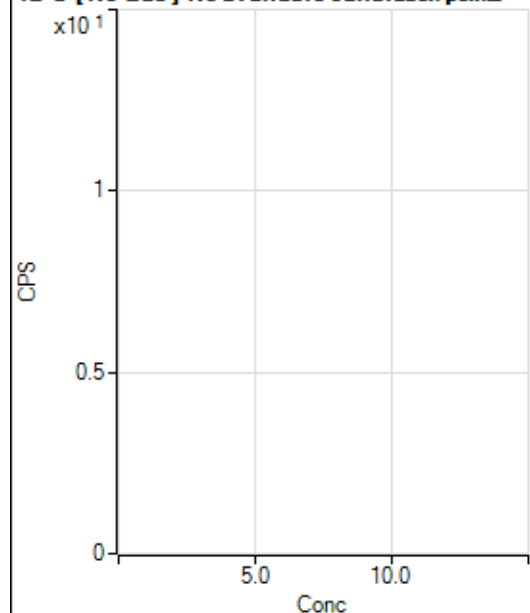
$$DL = 0.01295$$

$$BEC = 0.02535$$

Weight: <None>

Min Conc: 0

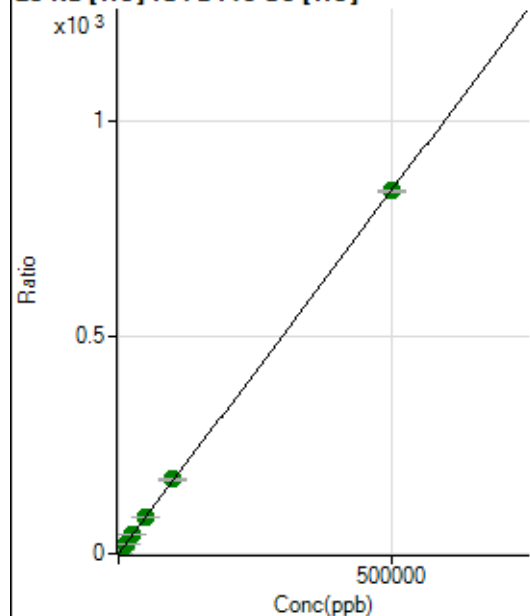
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2234010.96		A	0.3
2	☐			2186288.04		A	1.0
3	☐			2257005.16		A	2.8
4	☐			2149225.25		A	1.5
5	☐			2137590.46		A	1.2
6	☐			2194151.01		A	2.8
7	☐			2382110.64		A	3.0
8	☐			2061460.63		A	1.9

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			29632.16		P	1.8
2	☐			29839.27		P	1.4
3	☐			30912.54		P	1.1
4	☐			29881.54		P	1.3
5	☐			29815.88		P	1.6
6	☐			31801.14		P	0.9
7	☐			35068.47		P	1.4
8	☐			34606.43		P	0.5

23 Na [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	35692.44	0.1860	P	2.3
2	☐	500.000	412.569	165867.14	0.8778	P	0.6
3	☐	5000.000	5032.871	1545352.25	8.6256	A	0.4
4	☐	12500.000	13013.036	3809607.34	22.0076	A	0.5
5	☐	25000.000	25395.738	7202717.88	42.7722	A	0.7
6	☐	50000.000	49980.033	13827028.13	83.9978	A	0.6
7	☐	100000.00	101927.41	27511735.70	171.1087	A	1.7
8	☐	500000.00	499583.66	136297874.6	837.9409	A	0.5

$$y = 0.0017 * x + 0.1860$$

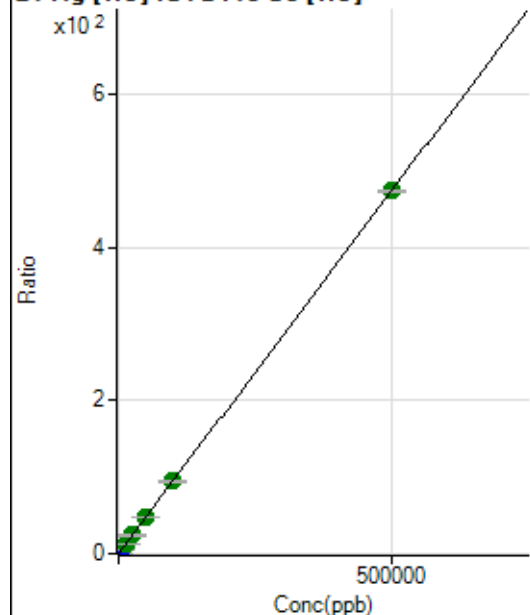
$$R = 1.0000$$

$$DL = 7.614$$

$$BEC = 110.9$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	511.13	0.0027	P	22.5
2	☐	500.000	411.801	74228.94	0.3929	P	1.5
3	☐	5000.000	4923.141	836212.99	4.6675	P	0.7
4	☐	12500.000	12920.049	2119563.53	12.2449	A	1.2
5	☐	25000.000	25376.490	4049490.01	24.0478	A	1.9
6	☐	50000.000	49727.959	7757059.74	47.1216	A	0.4
7	☐	100000.00	99754.665	15195997.69	94.5237	A	1.0
8	☐	500000.00	500047.80	77069353.30	473.8154	A	0.5

$$y = 9.4753\text{E-}004 * x + 0.0027$$

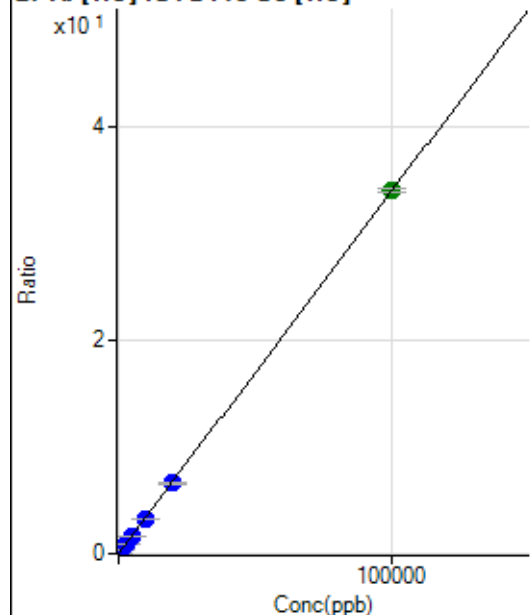
R = 1.0000

DL = 1.891

BEC = 2.802

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	143.34	0.0007	P	9.5
2	☐	20.000	16.342	1191.17	0.0063	P	4.1
3	☐	1000.000	980.753	59909.63	0.3344	P	2.0
4	☐	2500.000	2505.741	147672.70	0.8531	P	0.3
5	☐	5000.000	4979.747	285372.48	1.6947	P	0.7
6	☐	10000.000	9726.907	544827.16	3.3095	P	1.0
7	☐	20000.000	19443.841	1063451.67	6.6149	P	1.0
8	☐	100000.00	100139.60	5540898.67	34.0648	A	1.1

$$y = 3.4017\text{E-}004 * x + 7.4613\text{E-}004$$

R = 1.0000

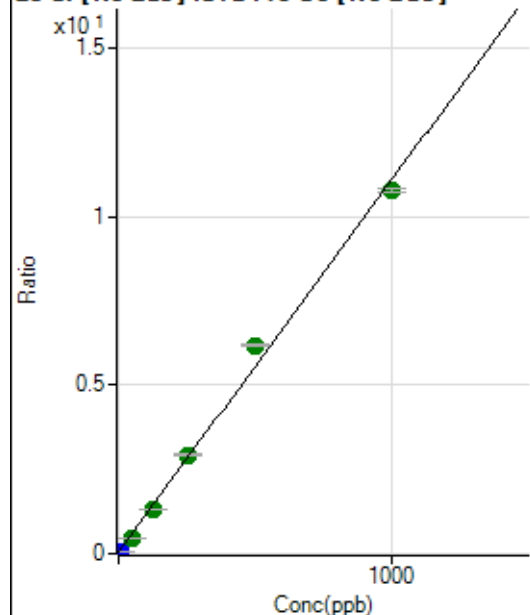
DL = 0.6243

BEC = 2.193

Weight: <None>

Min Conc: 0

28 Si [No Gas] ISTD : 45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	212808.74	0.0436	P	2.0
2	☐	10.000	0.498	238631.40	0.0491	P	0.9
3	☐	50.000	35.749	2049940.60	0.4380	A	2.3
4	☐	125.000	115.953	6040273.17	1.3227	A	1.2
5	☐	250.000	260.629	13088740.78	2.9186	A	1.4
6	☐	500.000	555.742	26271955.72	6.1740	A	1.1
7	☐	1000.000	971.410	45982579.32	10.7592	A	1.1
8	☐			301960.69	0.0748	P	6.4

$$y = 0.0110 * x + 0.0436$$

$$R = 0.9972$$

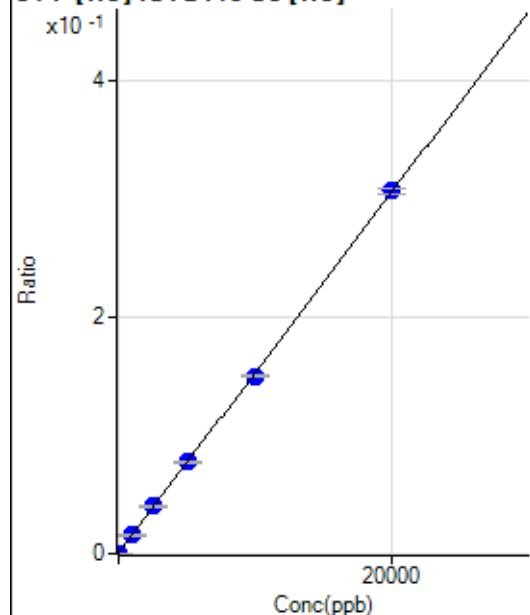
$$DL = 0.2382$$

$$BEC = 3.957$$

Weight: <None>

Min Conc: 0

31 P [He] ISTD : 45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-8.889	81.11	0.0004	P	3.7
2	☐	0.000	8.889	131.11	0.0007	P	19.7
3	☐	1000.000	978.677	2779.18	0.0155	P	5.5
4	☐	2500.000	2583.035	6928.39	0.0400	P	1.8
5	☐	5000.000	5045.912	13074.88	0.0776	P	1.8
6	☐	10000.000	9790.660	24716.70	0.1501	P	1.0
7	☐	20000.000	20083.879	49413.82	0.3074	P	1.6
8	☐			124.45	0.0008	P	15.8

$$y = 1.5278E-005 * x + 5.5845E-004$$

$$R = 0.9999$$

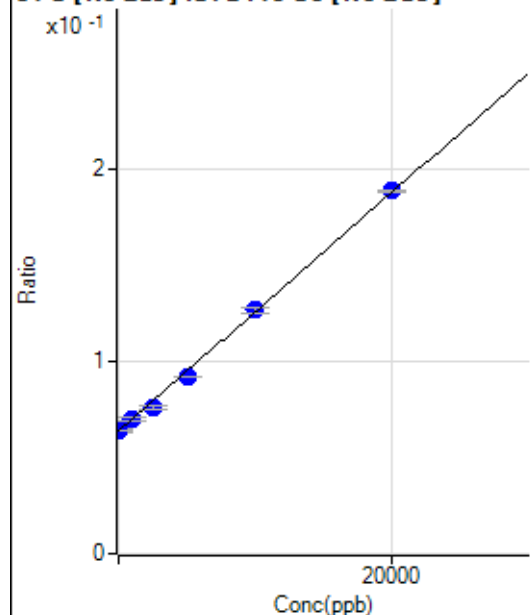
$$DL = 14.96$$

$$BEC = 36.55$$

Weight: <None>

Min Conc: 0

34 S [No Gas] ISTD:45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-9.327	311217.65	0.0638	P	2.3
2	☐	0.000	9.327	310511.08	0.0639	P	0.9
3	☐	1000.000	1017.143	328516.28	0.0702	P	3.3
4	☐	2500.000	1974.411	347627.49	0.0761	P	2.4
5	☐	5000.000	4521.855	412340.46	0.0919	P	0.7
6	☐	10000.000	10126.093	539145.59	0.1267	P	1.9
7	☐	20000.000	20121.331	806521.78	0.1887	P	0.8
8	☐			251254.83	0.0622	P	2.0

$$y = 6.2036\text{E-}006 * x + 0.0639$$

$$R = 0.9994$$

$$DL = 508.9$$

$$BEC = 1.03\text{E}+04$$

Weight: <None>

Min Conc: 0

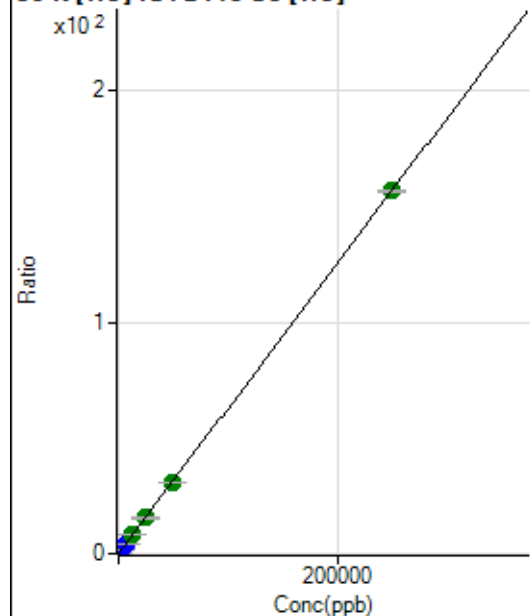
35 Cl [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			84830.83		P	1.7
2	☐			82717.77		P	1.0
3	☐			120299.10		P	0.9
4	☐			112289.05		P	1.5
5	☐			109566.12		P	0.5
6	☐			109077.93		P	1.4
7	☐			110458.38		P	1.5
8	☐			100446.21		P	0.9

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			748.92		P	3.4
2	☐			677.80		P	4.0
3	☐			1053.38		P	5.0
4	☐			935.60		P	2.3
5	☐			908.93		P	10.7
6	☐			914.48		P	3.7
7	☐			985.60		P	6.5
8	☐			977.82		P	14.1

39 K [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11154.38	0.0581	P	2.3
2	☐	500.000	407.241	59131.59	0.3129	P	0.7
3	☐	2500.000	2402.425	279733.80	1.5613	P	0.9
4	☐	6250.000	6219.611	683703.95	3.9497	P	0.5
5	☐	12500.000	12634.930	1341081.95	7.9638	A	1.2
6	☐	25000.000	24501.926	2533308.42	15.3889	A	0.5
7	☐	50000.000	48797.274	4917653.19	30.5904	A	1.2
8	☐	250000.00	250285.52	25481760.17	156.6609	A	0.9

$$y = 6.2570E-004 * x + 0.0581$$

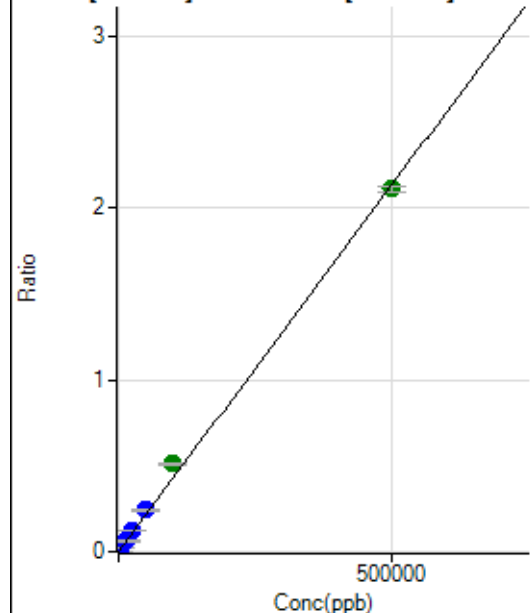
$$R = 1.0000$$

$$DL = 6.29$$

$$BEC = 92.88$$

Weight: <None>

Min Conc: 0

43 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	292.23	0.0001	P	12.5
2	☐	500.000	406.492	8713.83	0.0018	P	2.5
3	☐	5000.000	5649.771	113123.96	0.0242	P	1.3
4	☐	12500.000	14461.299	282040.61	0.0618	P	2.2
5	☐	25000.000	28308.973	542068.88	0.1209	P	0.5
6	☐	50000.000	56817.277	1031955.95	0.2425	P	1.7
7	☐	100000.00	119773.93	2184639.43	0.5112	A	1.9
8	☐	500000.00	495142.59	8535900.43	2.1131	A	1.7

$$y = 4.2675\text{E-}006 * x + 5.9820\text{E-}005$$

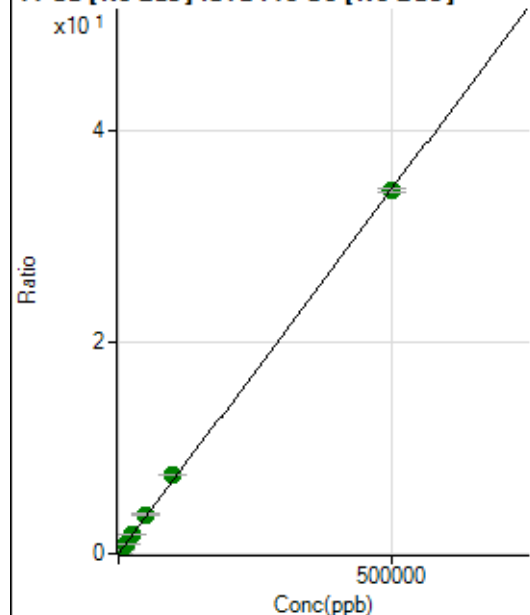
$$R = 0.9991$$

$$DL = 5.263$$

$$BEC = 14.02$$

Weight: <None>

Min Conc: 0

44 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51734.14	0.0106	P	2.3
2	☐	500.000	406.103	187202.69	0.0386	P	1.3
3	☐	5000.000	5586.727	1848727.14	0.3950	A	3.5
4	☐	12500.000	13892.003	4412834.66	0.9666	A	2.5
5	☐	25000.000	27112.537	8414794.60	1.8763	A	1.6
6	☐	50000.000	53701.665	15768475.32	3.7060	A	2.5
7	☐	100000.00	107435.33	31641925.64	7.4035	A	0.8
8	☐	500000.00	497996.56	138477551.2	34.2791	A	0.9

$$y = 6.8813\text{E-}005 * x + 0.0106$$

$$R = 0.9999$$

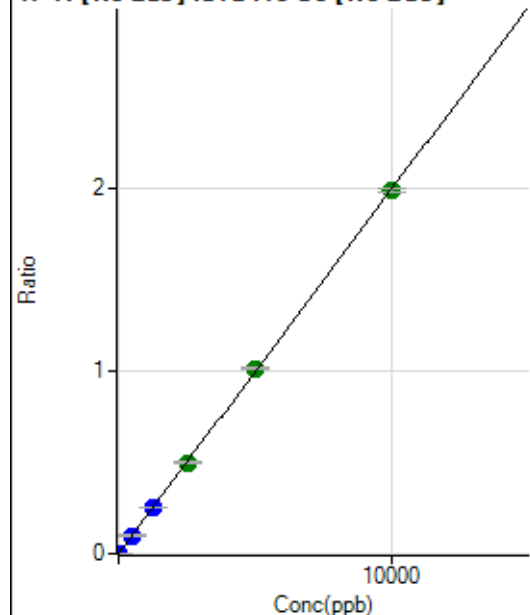
$$DL = 10.7$$

$$BEC = 154.2$$

Weight: <None>

Min Conc: 0

47 Ti [No Gas] ISTD:45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	93.33	0.0000	P	17.7
2	☐	5.000	4.401	4359.60	0.0009	P	3.6
3	☐	500.000	498.384	465870.97	0.0995	P	1.9
4	☐	1250.000	1271.113	1158948.16	0.2538	P	2.7
5	☐	2500.000	2505.091	2243595.92	0.5003	A	0.5
6	☐	5000.000	5078.156	4315260.80	1.0141	A	1.0
7	☐	10000.000	9957.091	8497962.37	1.9884	A	1.0
8	☐			4191.81	0.0010	P	7.6

$$y = 1.9969E-004 * x + 1.9090E-005$$

$$R = 1.0000$$

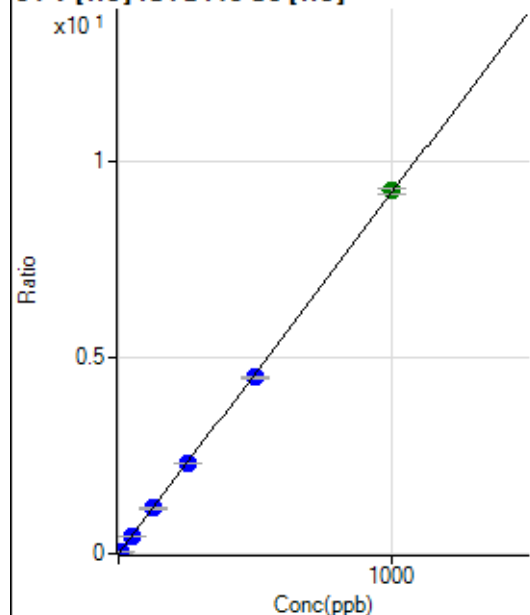
$$DL = 0.05089$$

$$BEC = 0.0956$$

Weight: <None>

Min Conc: 0

51 V [He] ISTD:45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20.00	0.0001	P	45.5
2	☐	5.000	4.083	7125.17	0.0377	P	1.3
3	☐	50.000	48.996	80863.67	0.4513	P	1.7
4	☐	125.000	125.847	200623.82	1.1591	P	1.0
5	☐	250.000	250.335	388222.25	2.3055	P	0.7
6	☐	500.000	487.875	739648.67	4.4930	P	0.7
7	☐	1000.000	1005.928	1489225.19	9.2639	A	1.4
8	☐			1406.92	0.0086	P	27.7

$$y = 0.0092 * x + 1.0454E-004$$

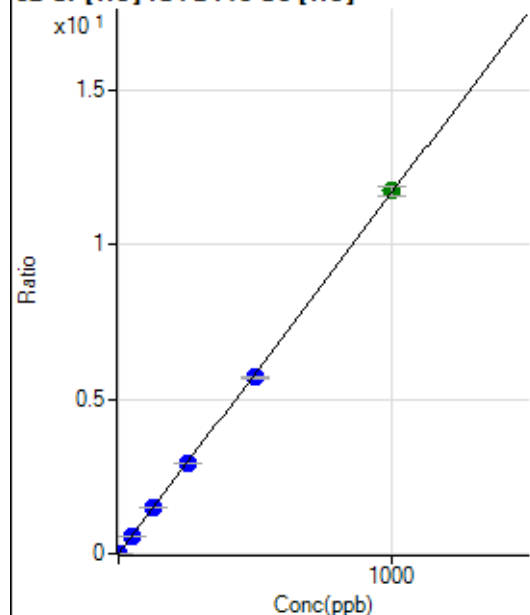
$$R = 0.9999$$

$$DL = 0.01551$$

$$BEC = 0.01135$$

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1144.50	0.0060	P	4.7
2	☐	2.000	1.655	4776.39	0.0253	P	1.1
3	☐	50.000	49.133	103791.74	0.5793	P	0.2
4	☐	125.000	126.939	257443.12	1.4873	P	0.7
5	☐	250.000	248.883	490077.85	2.9103	P	0.4
6	☐	500.000	487.875	938134.21	5.6992	P	0.7
7	☐	1000.000	1006.144	1888192.30	11.7472	A	2.5
8	☐			11402.74	0.0701	P	4.1

$$y = 0.0117 * x + 0.0060$$

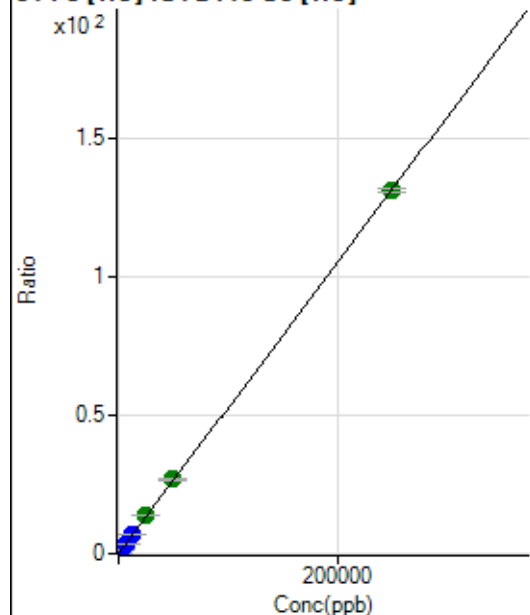
$$R = 0.9999$$

$$DL = 0.07205$$

$$BEC = 0.5112$$

Weight: <None>

Min Conc: 0

54 Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	638.91	0.0033	P	5.8
2	☐	50.000	42.597	4844.20	0.0256	P	3.4
3	☐	2500.000	2513.625	236476.97	1.3199	P	1.1
4	☐	6250.000	6510.826	590901.08	3.4136	P	0.2
5	☐	12500.000	12792.215	1128863.35	6.7037	P	0.7
6	☐	25000.000	26029.179	2244809.45	13.6370	A	0.3
7	☐	50000.000	50988.566	4293605.88	26.7103	A	1.8
8	☐	250000.00	249678.10	21272391.49	130.7808	A	1.1

$$y = 5.2378E-004 * x + 0.0033$$

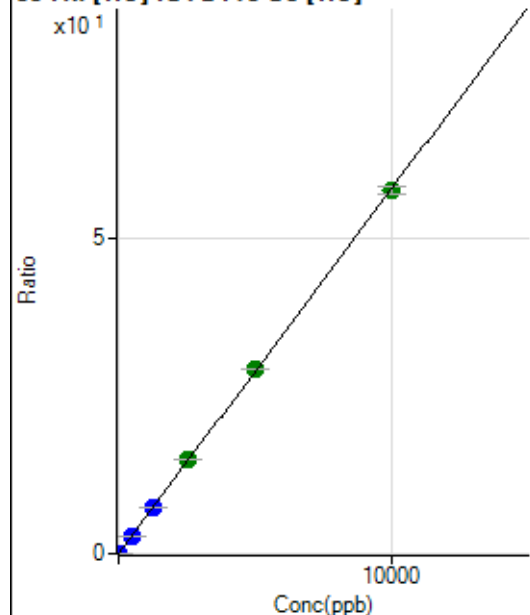
$$R = 1.0000$$

$$DL = 1.104$$

$$BEC = 6.349$$

Weight: <None>

Min Conc: 0

⁵⁵Mn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0004	P	7.5
2	☐	1.000	0.842	990.04	0.0052	P	3.1
3	☐	500.000	493.163	510277.44	2.8482	P	0.6
4	☐	1250.000	1267.827	1267322.25	7.3217	P	1.3
5	☐	2500.000	2586.463	2515041.28	14.9363	A	1.7
6	☐	5000.000	5060.402	4810395.69	29.2225	A	0.3
7	☐	10000.000	9946.297	9232199.72	57.4370	A	2.3
8	☐			7336.02	0.0451	P	31.2

$$y = 0.0058 * x + 3.7631E-004$$

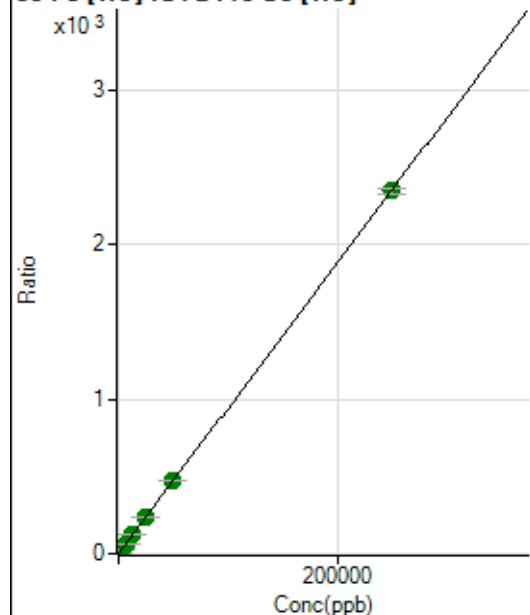
$$R = 0.9999$$

$$DL = 0.01459$$

$$BEC = 0.06517$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7176.43	0.0373	P	8.7
2	☐	50.000	41.458	80682.12	0.4270	P	1.8
3	☐	2500.000	2552.469	4305069.73	24.0292	A	1.0
4	☐	6250.000	6606.690	10755404.00	62.1366	A	0.9
5	☐	12500.000	12841.868	20331546.78	120.7439	A	1.0
6	☐	25000.000	25402.463	39312205.25	238.8067	A	1.2
7	☐	50000.000	49932.832	75459364.98	469.3788	A	0.8
8	☐	250000.00	249946.65	382138727.6	2.349.400	A	1.4

$$y = 0.0094 * x + 0.0373$$

$$R = 1.0000$$

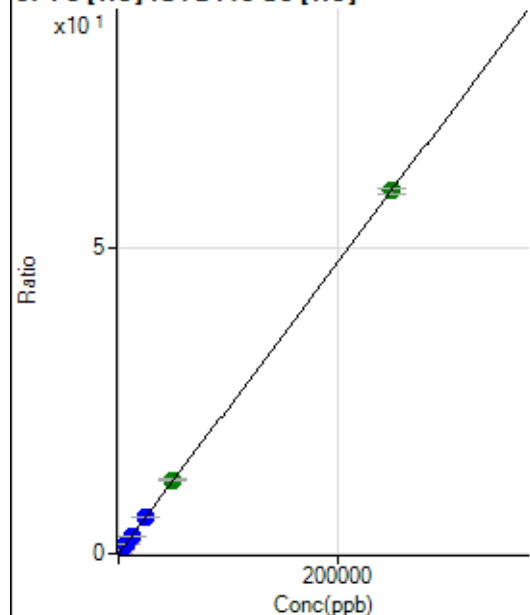
$$DL = 1.04$$

$$BEC = 3.972$$

Weight: <None>

Min Conc: 0

57 Fe [He] ISTD:45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	217.78	0.0011	P	13.4
2	☐	50.000	40.399	2029.05	0.0107	P	5.0
3	☐	2500.000	2483.803	105969.79	0.5915	P	0.8
4	☐	6250.000	6409.692	263883.03	1.5245	P	1.2
5	☐	12500.000	12517.165	501172.47	2.9761	P	0.8
6	☐	25000.000	24576.235	961739.06	5.8422	P	0.5
7	☐	50000.000	50598.281	1933274.49	12.0270	A	2.1
8	☐	250000.00	249918.03	9661583.68	59.3998	A	1.4

$$y = 2.3767E-004 * x + 0.0011$$

R = 1.0000

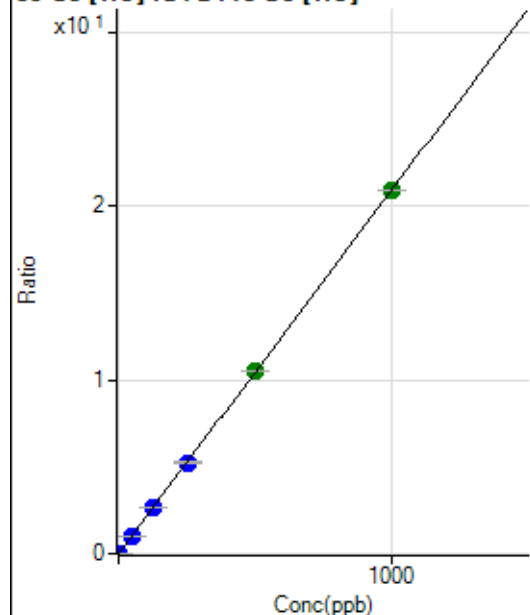
DL = 1.925

BEC = 4.781

Weight: <None>

Min Conc: 0

59 Co [He] ISTD:45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	54.45	0.0003	P	29.0
2	☐	1.000	0.868	3486.01	0.0184	P	6.6
3	☐	50.000	49.332	184847.64	1.0318	P	1.2
4	☐	125.000	126.641	458402.21	2.6482	P	0.4
5	☐	250.000	250.169	880837.20	5.2311	P	1.2
6	☐	500.000	502.651	1730124.40	10.5103	A	0.4
7	☐	1000.000	998.461	3356652.59	20.8772	A	0.1
8	☐			4254.19	0.0262	P	8.9

$$y = 0.0209 * x + 2.8256E-004$$

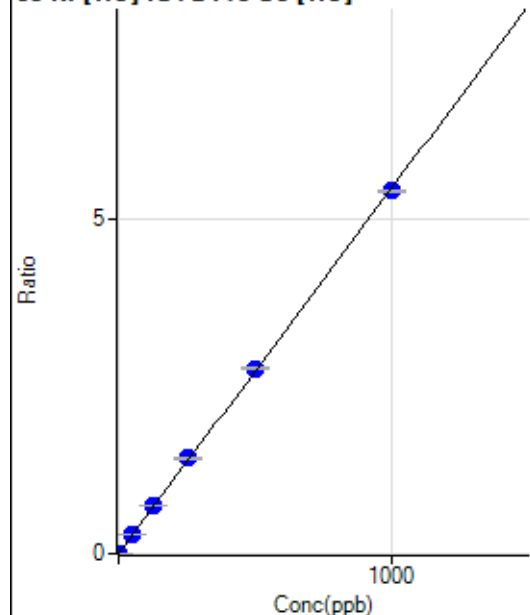
R = 1.0000

DL = 0.01175

BEC = 0.01351

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	40.00	0.0002	P	16.0
2	☐	1.000	0.947	1016.72	0.0054	P	6.3
3	☐	50.000	51.556	50495.96	0.2818	P	0.7
4	☐	125.000	131.127	124019.97	0.7165	P	1.6
5	☐	250.000	260.754	239898.76	1.4246	P	0.2
6	☐	500.000	506.504	455487.19	2.7671	P	0.8
7	☐	1000.000	993.216	872295.89	5.4259	P	0.8
8	☐			2934.79	0.0180	P	3.1

$$y = 0.0055 * x + 2.0871E-004$$

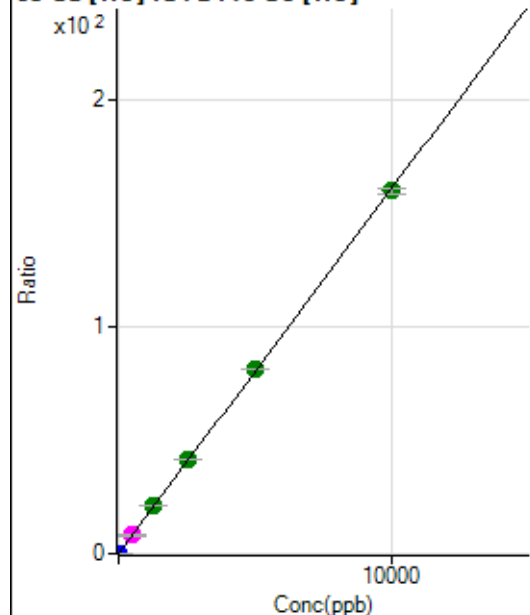
$$R = 0.9999$$

$$DL = 0.01834$$

$$BEC = 0.03821$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	647.80	0.0034	P	3.0
2	☐	2.000	1.642	5633.40	0.0298	P	1.1
3	☐	500.000	503.051	1451621.12	8.1019	M	1.4
4	☐	1250.000	1331.237	3710362.20	21.4346	A	0.2
5	☐	2500.000	2599.025	7046367.67	41.8445	A	0.3
6	☐	5000.000	5047.046	13375911.88	81.2546	A	0.5
7	☐	10000.000	9941.414	25727649.89	160.0478	A	1.6
8	☐			12883.97	0.0792	P	28.5

$$y = 0.0161 * x + 0.0034$$

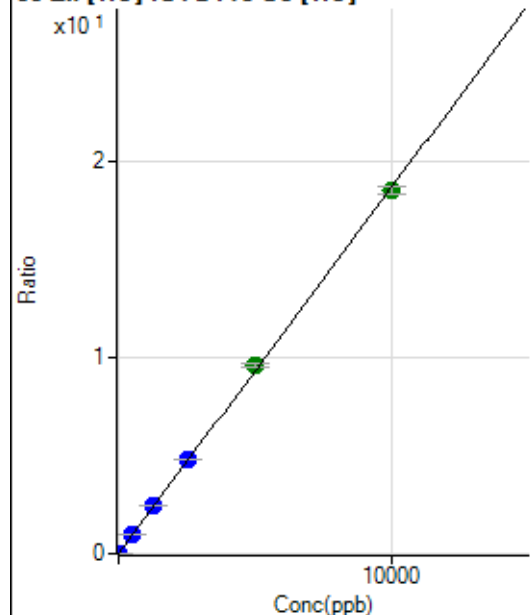
$$R = 0.9999$$

$$DL = 0.01898$$

$$BEC = 0.2096$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	561.13	0.0029	P	3.9
2	☐	2.000	1.671	1142.28	0.0060	P	4.9
3	☐	500.000	504.383	169428.82	0.9457	P	0.7
4	☐	1250.000	1302.482	421908.06	2.4375	P	1.0
5	☐	2500.000	2548.705	802703.22	4.7668	P	0.2
6	☐	5000.000	5145.636	1583542.81	9.6209	A	2.5
7	☐	10000.000	9908.226	2977442.77	18.5229	A	2.2
8	☐			6998.49	0.0430	P	4.4

$$y = 0.0019 * x + 0.0029$$

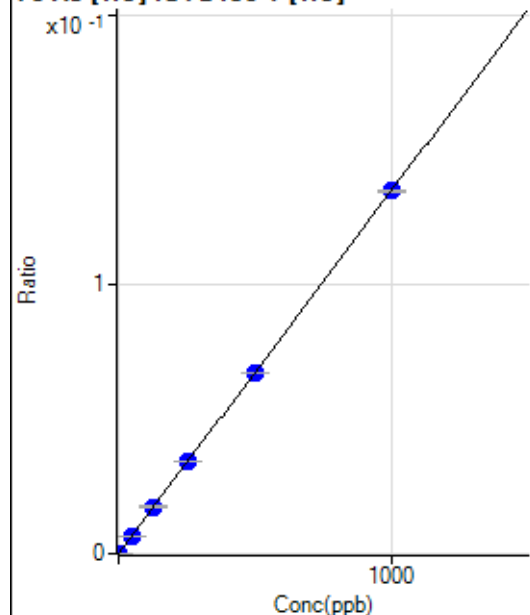
$$R = 0.9998$$

$$DL = 0.185$$

$$BEC = 1.563$$

Weight: <None>

Min Conc: 0

75 As [He] ISTD:89 Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3.33	0.0000	P	100.
2	☐	1.000	0.912	171.12	0.0001	P	12.3
3	☐	50.000	49.637	8588.25	0.0067	P	2.3
4	☐	125.000	129.348	21670.12	0.0174	P	2.6
5	☐	250.000	253.712	41529.97	0.0342	P	0.6
6	☐	500.000	498.966	79730.88	0.0672	P	0.1
7	☐	1000.000	999.064	155666.11	0.1345	P	0.2
8	☐			75.56	0.0001	P	35.4

$$y = 1.3467E-004 * x + 2.3757E-006$$

$$R = 1.0000$$

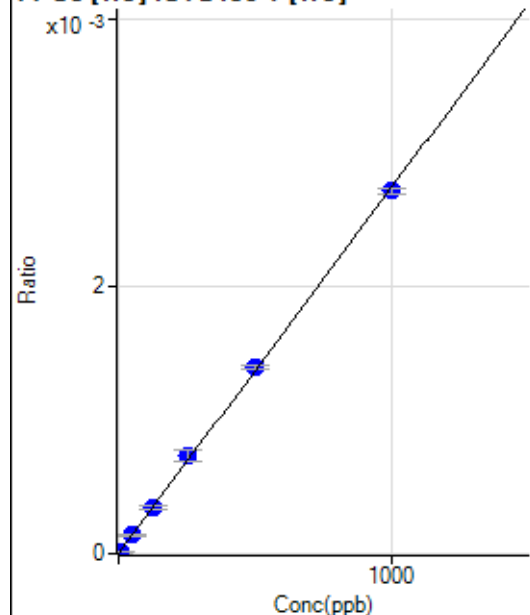
$$DL = 0.05337$$

$$BEC = 0.01764$$

Weight: <None>

Min Conc: 0

77 Se [He] ISTD:89 Y [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	5.000	4.454	18.89	0.0000	P	62.1
3	☐	50.000	50.029	177.78	0.0001	P	4.0
4	☐	125.000	127.177	434.46	0.0003	P	7.2
5	☐	250.000	267.142	890.04	0.0007	P	13.1
6	☐	500.000	509.636	1655.67	0.0014	P	2.8
7	☐	1000.000	990.625	3135.94	0.0027	P	1.2
8	☐			23.33	0.0000	P	79.1

$$y = 2.7347\text{E-}006 * x + 1.6079\text{E-}006$$

$$R = 0.9998$$

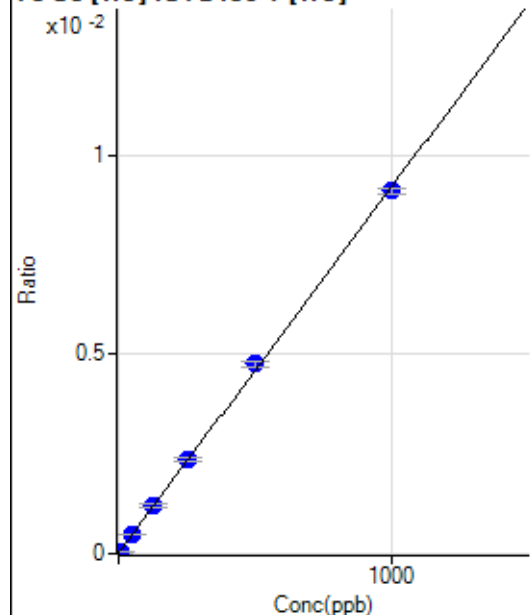
$$DL = 1.528$$

$$BEC = 0.588$$

Weight: <None>

Min Conc: 0

78 Se [He] ISTD:89 Y [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	17.78	0.0000	P	27.0
2	☐	5.000	5.087	81.11	0.0001	P	13.8
3	☐	50.000	51.055	617.80	0.0005	P	9.1
4	☐	125.000	132.305	1526.77	0.0012	P	7.6
5	☐	250.000	255.499	2864.76	0.0024	P	3.4
6	☐	500.000	516.033	5632.29	0.0047	P	3.1
7	☐	1000.000	989.642	10519.57	0.0091	P	1.8
8	☐			86.67	0.0001	P	19.1

$$y = 9.1753\text{E-}006 * x + 1.2704\text{E-}005$$

$$R = 0.9998$$

$$DL = 1.12$$

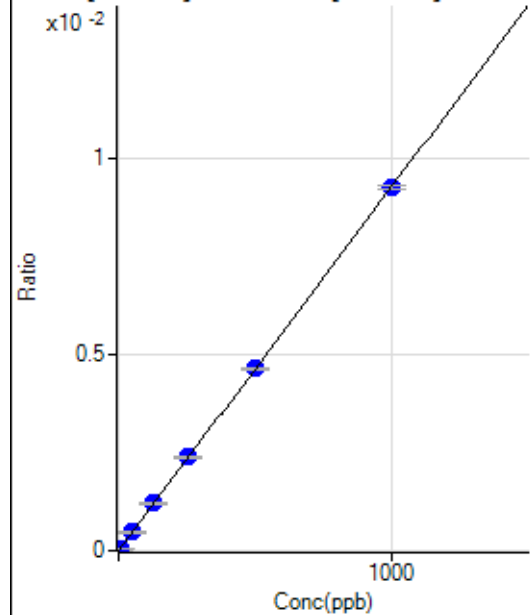
$$BEC = 1.385$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2604.71		P	5.9
2	☐			2670.28		P	6.7
3	☐			2139.08		P	3.1
4	☐			1923.48		P	7.1
5	☐			1932.38		P	7.1
6	☐			1889.04		P	2.8
7	☐			1989.05		P	8.6
8	☐			3803.89		P	9.2

82 Se [No Gas] ISTD: 89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-22.22	0.0000	P	-67.
2	☐	5.000	4.498	458.91	0.0000	P	5.7
3	☐	50.000	51.573	5368.93	0.0005	P	7.1
4	☐	125.000	130.674	13223.18	0.0012	P	3.3
5	☐	250.000	256.823	25642.76	0.0024	P	0.5
6	☐	500.000	499.693	48659.26	0.0046	P	2.0
7	☐	1000.000	997.663	95678.11	0.0093	P	0.9
8	☐			492.25	0.0000	P	3.1

$$y = 9.2896E-006 * x - 1.8965E-006$$

$$R = 1.0000$$

$$DL = 0.4117$$

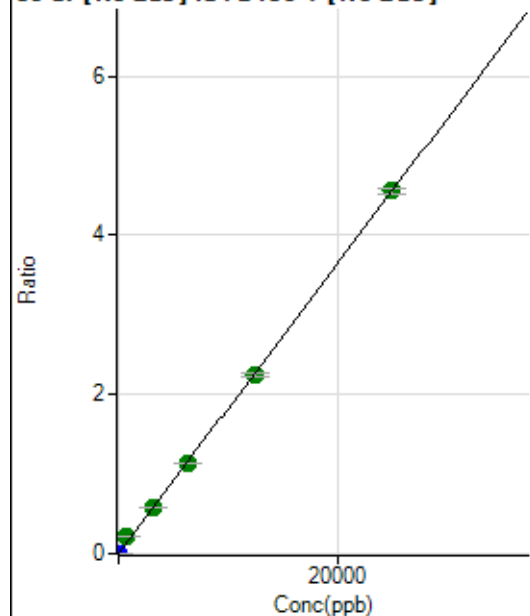
$$BEC = -0.2041$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			206.67		P	12.6
2	☐			173.34		P	10.2
3	☐			166.67		P	2.0
4	☐			184.45		P	2.8
5	☐			174.45		P	2.9
6	☐			156.67		P	14.0
7	☐			181.12		P	11.2
8	☐			191.11		P	11.2

86 Sr [No Gas] ISTD : 89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	403.35	0.0000	P	13.2
2	☐	1.000	0.807	2086.85	0.0002	P	2.6
3	☐	625.000	1240.451	2539733.78	0.2257	A	1.7
4	☐	3125.000	3170.029	6293280.53	0.5767	A	1.8
5	☐	6250.000	6294.203	12318252.73	1.1451	A	0.2
6	☐	12500.000	12307.216	23481212.43	2.2390	A	2.0
7	☐	25000.000	25064.326	47078374.30	4.5599	A	1.5
8	☐			21968.83	0.0022	P	44.1

$$y = 1.8193E-004 * x + 3.4664E-005$$

$$R = 0.9997$$

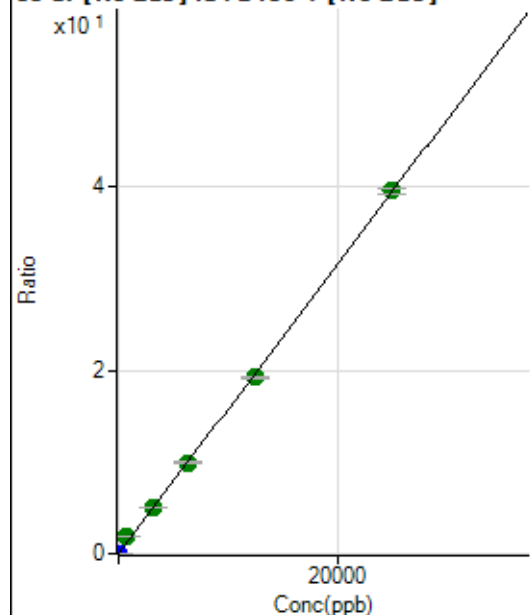
$$DL = 0.0752$$

$$BEC = 0.1905$$

Weight: <None>

Min Conc: 0

88 Sr [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	982.27	0.0001	P	12.3
2	☐	1.000	0.808	15604.40	0.0014	P	2.5
3	☐	625.000	1228.180	21758131.48	1.9337	A	1.6
4	☐	3125.000	3154.302	54193820.86	4.9661	A	0.8
5	☐	6250.000	6290.013	106513311.7	9.9028	A	1.3
6	☐	12500.000	12191.014	201283530.3	19.1930	A	1.5
7	☐	25000.000	25125.748	408402522.8	39.5569	A	1.6
8	☐			171511.20	0.0172	P	34.3

$$y = 0.0016 * x + 8.4348E-005$$

$$R = 0.9996$$

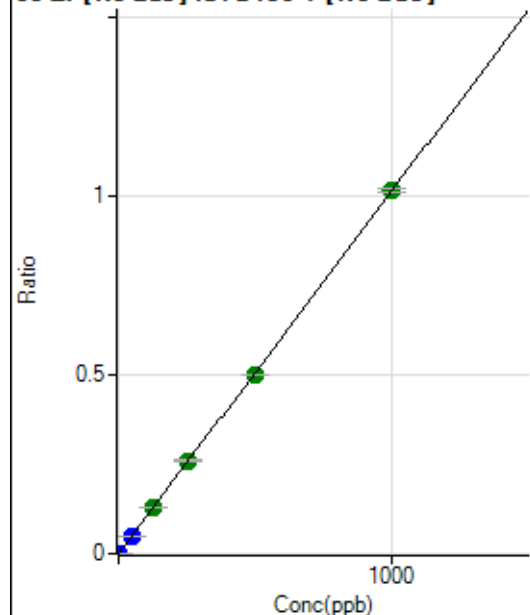
$$DL = 0.01975$$

$$BEC = 0.05358$$

Weight: <None>

Min Conc: 0

90 Zr [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	470.01	0.0000	P	8.5
2	☐	1.000	0.798	9746.82	0.0008	P	2.0
3	☐	50.000	48.469	552005.10	0.0491	P	0.6
4	☐	125.000	128.543	1418973.80	0.1300	A	1.0
5	☐	250.000	255.097	2774715.51	0.2580	A	2.3
6	☐	500.000	493.722	5236668.98	0.4993	A	0.8
7	☐	1000.000	1001.498	10456699.36	1.0128	A	0.9
8	☐			8221.58	0.0008	P	15.6

$$y = 0.0010 * x + 4.0451E-005$$

$$R = 0.9999$$

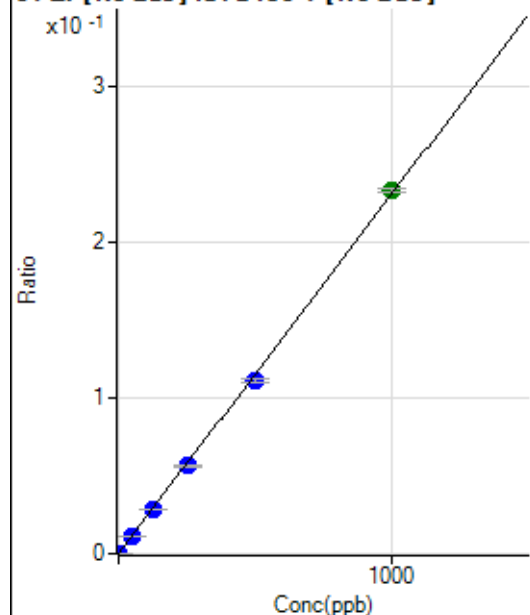
$$DL = 0.0102$$

$$BEC = 0.04$$

Weight: <None>

Min Conc: 0

91 Zr [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	83.33	0.0000	P	9.8
2	☐	1.000	0.770	2120.18	0.0002	P	5.3
3	☐	50.000	47.574	123352.57	0.0110	P	0.5
4	☐	125.000	123.151	309493.04	0.0284	P	2.2
5	☐	250.000	244.845	606464.20	0.0564	P	1.5
6	☐	500.000	483.540	1167715.50	0.1113	P	1.9
7	☐	1000.000	1009.871	2400975.07	0.2325	A	1.2
8	☐			1771.30	0.0002	P	19.7

$$y = 2.3026\text{E-}004 * x + 7.1713\text{E-}006$$

$$R = 0.9998$$

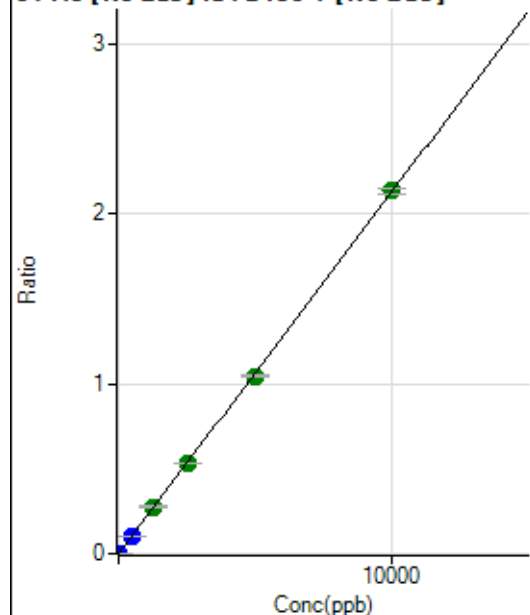
$$DL = 0.009142$$

$$BEC = 0.03114$$

Weight: <None>

Min Conc: 0

94 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	153.34	0.0000	P	9.9
2	☐	5.000	4.601	11415.89	0.0010	P	3.6
3	☐	500.000	490.641	1175665.78	0.1045	P	1.2
4	☐	1250.000	1293.080	3004380.27	0.2753	A	2.1
5	☐	2500.000	2502.890	5732160.96	0.5329	A	1.2
6	☐	5000.000	4915.192	10975710.53	1.0466	A	1.3
7	☐	10000.000	10036.765	22064045.78	2.1371	A	1.3
8	☐			11905.32	0.0012	P	24.6

$$y = 2.1292\text{E-}004 * x + 1.3198\text{E-}005$$

$$R = 0.9999$$

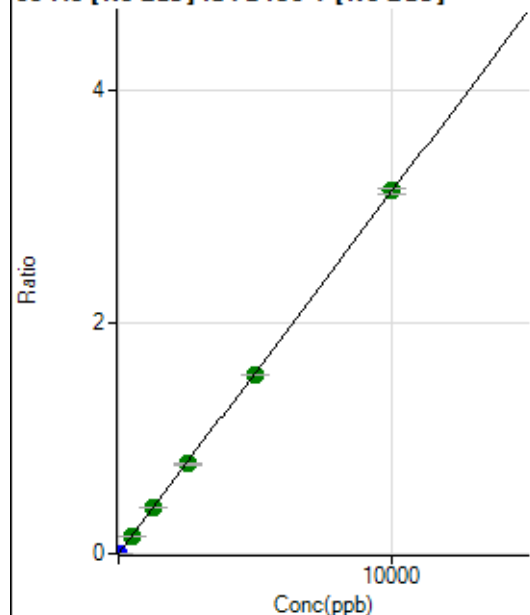
$$DL = 0.01845$$

$$BEC = 0.06198$$

Weight: <None>

Min Conc: 0

95 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	56.67	0.0000	P	30.8
2	☐	5.000	3.903	14086.11	0.0012	P	1.6
3	☐	500.000	493.433	1735925.15	0.1543	A	0.8
4	☐	1250.000	1285.530	4385659.31	0.4019	A	2.0
5	☐	2500.000	2479.129	8336761.40	0.7751	A	1.1
6	☐	5000.000	4948.221	16225661.01	1.5470	A	0.4
7	☐	10000.000	10026.995	32365063.41	3.1348	A	1.5
8	☐			15337.02	0.0015	P	23.9

$$y = 3.1263\text{E-}004 * x + 4.8482\text{E-}006$$

$$R = 1.0000$$

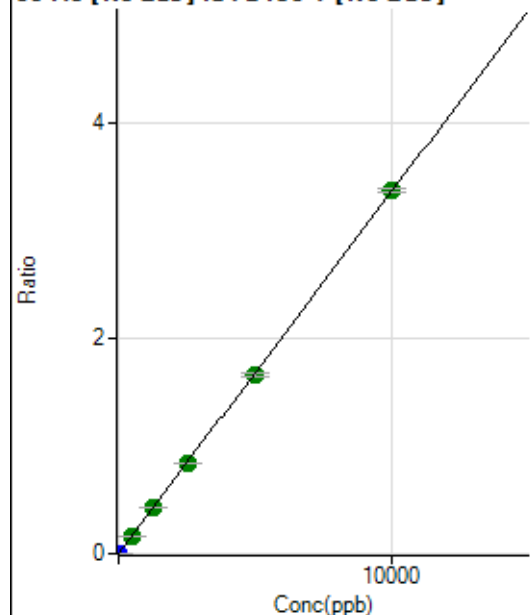
$$DL = 0.01435$$

$$BEC = 0.01551$$

Weight: <None>

Min Conc: 0

96 Mo [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	114.45	0.0000	P	27.0
2	☐	5.000	3.948	15367.49	0.0013	P	0.7
3	☐	500.000	502.113	1898420.18	0.1687	A	0.2
4	☐	1250.000	1285.706	4714646.56	0.4320	A	0.9
5	☐	2500.000	2488.935	8994511.53	0.8362	A	0.5
6	☐	5000.000	4953.073	17450395.71	1.6640	A	1.9
7	☐	10000.000	10021.661	34762078.65	3.3668	A	1.0
8	☐			16091.97	0.0016	P	19.3

$$y = 3.3596\text{E-}004 * x + 9.8772\text{E-}006$$

$$R = 1.0000$$

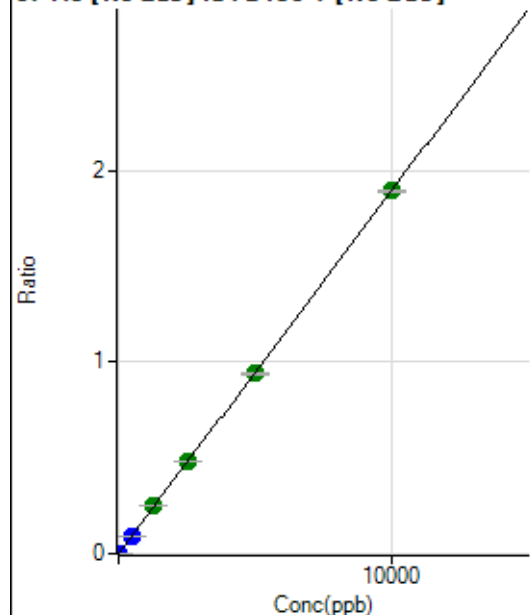
$$DL = 0.02383$$

$$BEC = 0.0294$$

Weight: <None>

Min Conc: 0

97 Mo [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.56	0.0000	P	20.8
2	☐	5.000	3.998	8740.60	0.0008	P	1.7
3	☐	500.000	490.541	1046379.72	0.0930	P	0.4
4	☐	1250.000	1302.431	2694406.16	0.2469	A	0.1
5	☐	2500.000	2533.808	5166149.26	0.4803	A	1.1
6	☐	5000.000	4971.885	9883380.48	0.9424	A	1.5
7	☐	10000.000	9999.525	19569982.35	1.8954	A	0.9
8	☐			8990.63	0.0009	P	18.8

$$y = 1.8955\text{E-}004 * x + 2.2005\text{E-}006$$

$$R = 1.0000$$

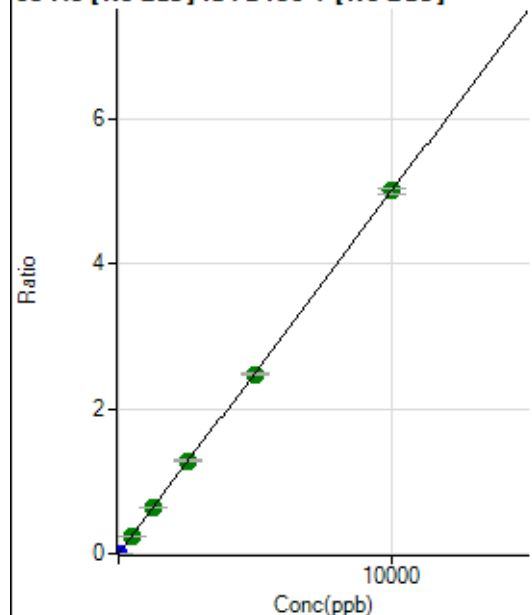
$$DL = 0.007241$$

$$BEC = 0.01161$$

Weight: <None>

Min Conc: 0

98 Mo [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	76.67	0.0000	P	33.8
2	☐	5.000	3.887	22412.65	0.0019	P	2.0
3	☐	500.000	500.600	2814993.99	0.2502	A	0.7
4	☐	1250.000	1266.351	6906189.83	0.6328	A	0.4
5	☐	2500.000	2556.376	13739306.05	1.2774	A	1.9
6	☐	5000.000	4952.932	25957494.61	2.4750	A	1.0
7	☐	10000.000	10007.367	51630275.34	5.0007	A	1.4
8	☐			22839.11	0.0023	P	16.5

$$y = 4.9971\text{E-}004 * x + 6.5564\text{E-}006$$

$$R = 1.0000$$

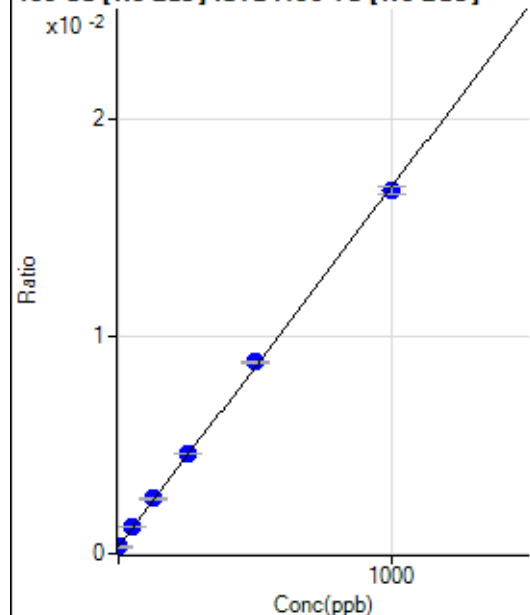
$$DL = 0.0133$$

$$BEC = 0.01312$$

Weight: <None>

Min Conc: 0

106 Cd [No Gas] ISTD:159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3050.37	0.0003	P	2.6
2	☐	1.000	-0.774	2983.69	0.0003	P	1.3
3	☐	50.000	54.076	11320.30	0.0012	P	1.7
4	☐	125.000	134.105	23530.25	0.0025	P	2.5
5	☐	250.000	260.076	43051.42	0.0046	P	0.4
6	☐	500.000	514.056	79867.56	0.0088	P	1.3
7	☐	1000.000	989.113	153792.30	0.0167	P	2.2
8	☐			2523.59	0.0003	P	1.5

$$y = 1.6525\text{E-}005 * x + 3.2338\text{E-}004$$

R = 0.9998

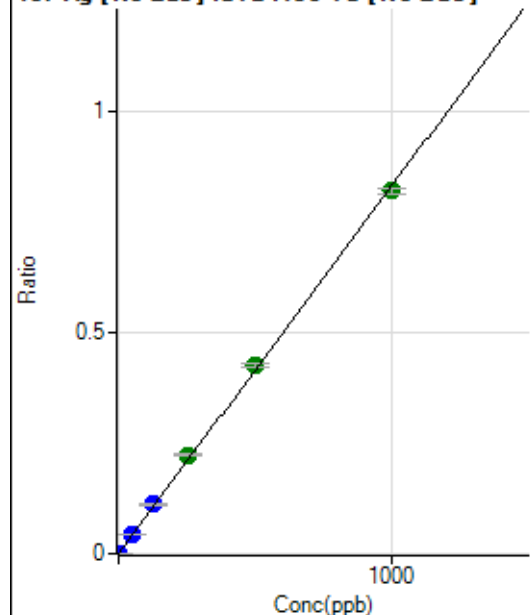
DL = 1.529

BEC = 19.57

Weight: <None>

Min Conc: 0

107 Ag [No Gas] ISTD:159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	64.44	0.0000	P	33.9
2	☐	1.000	0.869	6997.38	0.0007	P	1.9
3	☐	50.000	52.626	406431.59	0.0437	P	2.1
4	☐	125.000	134.009	1031097.76	0.1113	P	1.9
5	☐	250.000	267.160	2066434.06	0.2218	A	1.9
6	☐	500.000	514.000	3865252.51	0.4268	A	1.5
7	☐	1000.000	987.452	7565028.57	0.8199	A	1.8
8	☐			4091.80	0.0005	P	7.0

$$y = 8.3031\text{E-}004 * x + 6.8353\text{E-}006$$

R = 0.9997

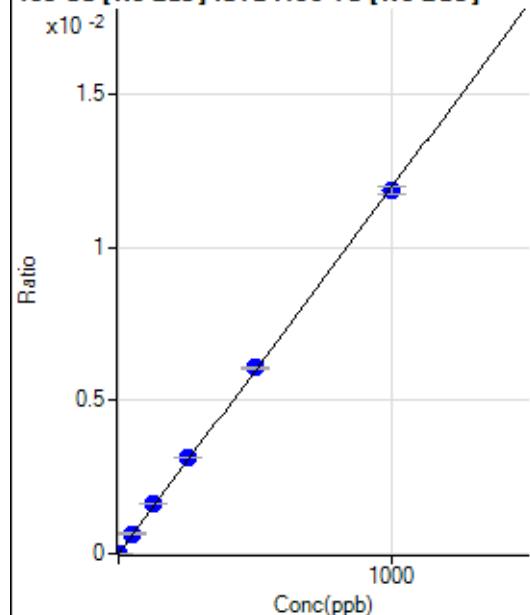
DL = 0.008373

BEC = 0.008232

Weight: <None>

Min Conc: 0

108 Cd [No Gas] ISTD :159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.66	0.0000	P	86.4
2	☐	1.000	1.044	126.67	0.0000	P	18.2
3	☐	50.000	55.057	6134.75	0.0007	P	4.3
4	☐	125.000	136.720	15170.64	0.0016	P	3.4
5	☐	250.000	263.657	29412.55	0.0032	P	0.9
6	☐	500.000	508.378	55128.76	0.0061	P	1.3
7	☐	1000.000	990.679	109438.26	0.0119	P	2.2
8	☐			152.23	0.0000	P	16.2

$$y = 1.1972\text{E-}005 * x + 7.0557\text{E-}007$$

$$R = 0.9998$$

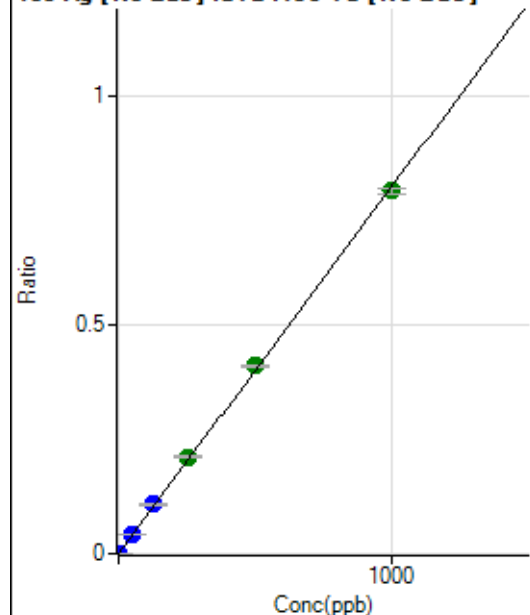
$$DL = 0.1528$$

$$BEC = 0.05894$$

Weight: <None>

Min Conc: 0

109 Ag [No Gas] ISTD :159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	40.00	0.0000	P	14.5
2	☐	1.000	0.856	6629.43	0.0007	P	3.8
3	☐	50.000	52.898	394215.05	0.0424	P	1.5
4	☐	125.000	134.059	995270.94	0.1074	P	1.8
5	☐	250.000	264.297	1972651.13	0.2117	A	0.7
6	☐	500.000	511.869	3714421.71	0.4101	A	1.2
7	☐	1000.000	989.214	7312482.67	0.7925	A	1.8
8	☐			4010.64	0.0005	P	5.6

$$y = 8.0116\text{E-}004 * x + 4.2406\text{E-}006$$

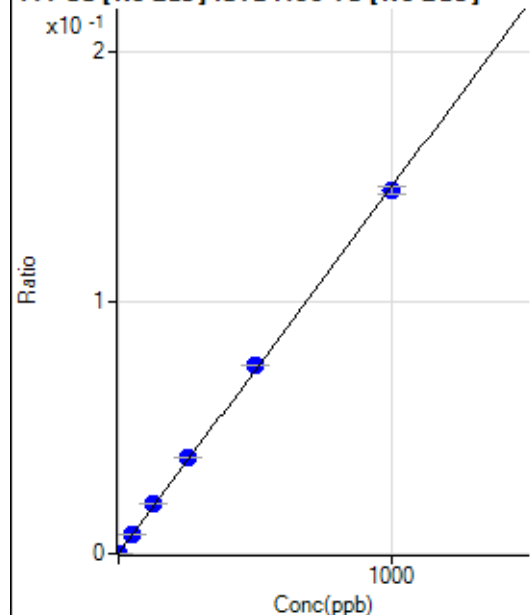
$$R = 0.9998$$

$$DL = 0.002303$$

$$BEC = 0.005293$$

Weight: <None>

Min Conc: 0

111 Cd [No Gas] ISTD :159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	613.19	0.0001	P	2.0
2	☐	1.000	0.870	1842.59	0.0002	P	4.4
3	☐	50.000	53.492	73170.72	0.0079	P	1.4
4	☐	125.000	135.937	184291.05	0.0199	P	3.0
5	☐	250.000	261.235	355563.55	0.0382	P	0.5
6	☐	500.000	513.295	678650.23	0.0749	P	0.4
7	☐	1000.000	989.002	1331523.60	0.1443	P	2.0
8	☐			1549.34	0.0002	P	4.5

$$y = 1.4585\text{E-}004 * x + 6.5007\text{E-}005$$

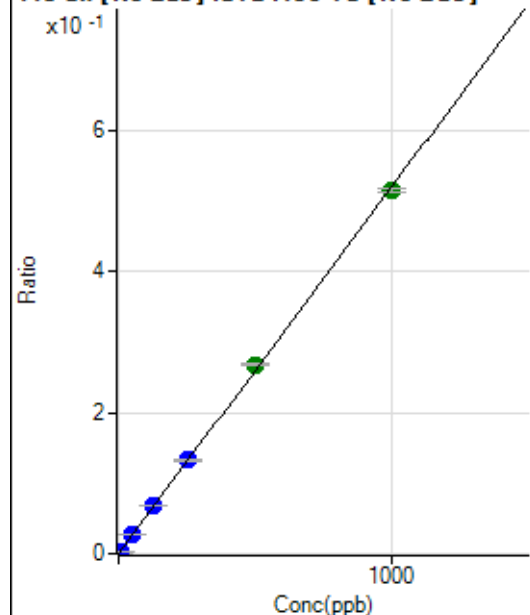
$$R = 0.9998$$

$$DL = 0.02638$$

$$BEC = 0.4457$$

Weight: <None>

Min Conc: 0

118 Sn [No Gas] ISTD :159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	541.13	0.0001	P	4.2
2	☐	5.000	4.347	22273.78	0.0023	P	0.9
3	☐	50.000	51.928	251747.52	0.0271	P	1.5
4	☐	125.000	130.515	629547.79	0.0679	P	2.1
5	☐	250.000	254.610	1234280.48	0.1325	P	0.6
6	☐	500.000	516.281	2432544.50	0.2686	A	1.8
7	☐	1000.000	989.924	4751714.48	0.5149	A	1.0
8	☐			5066.56	0.0006	P	4.9

$$y = 5.2013\text{E-}004 * x + 5.7368\text{E-}005$$

$$R = 0.9998$$

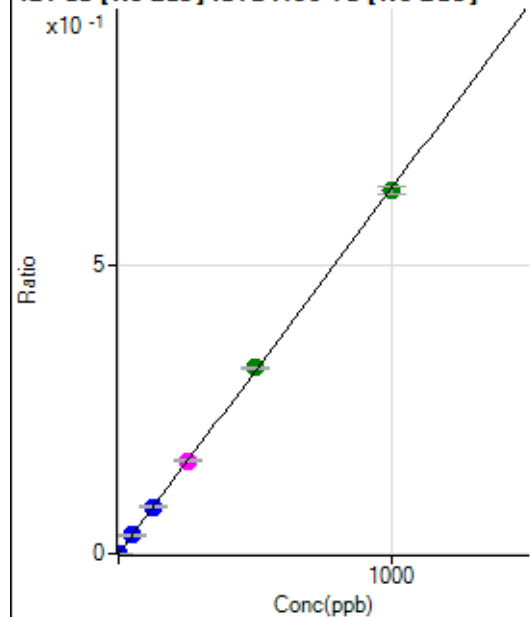
$$DL = 0.01386$$

$$BEC = 0.1103$$

Weight: <None>

Min Conc: 0

121 Sb [No Gas] ISTD :159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	30.5
2	☐	2.000	1.716	10511.91	0.0011	P	0.9
3	☐	50.000	50.316	297202.48	0.0320	P	2.4
4	☐	125.000	128.136	754006.94	0.0814	P	2.5
5	☐	250.000	253.893	1502384.08	0.1612	M	1.6
6	☐	500.000	510.467	2936089.05	0.3242	A	1.1
7	☐	1000.000	993.386	5820762.62	0.6309	A	2.0
8	☐			3760.57	0.0004	P	10.9

$$y = 6.3506\text{E-}004 * x + 4.7137\text{E-}006$$

$$R = 0.9999$$

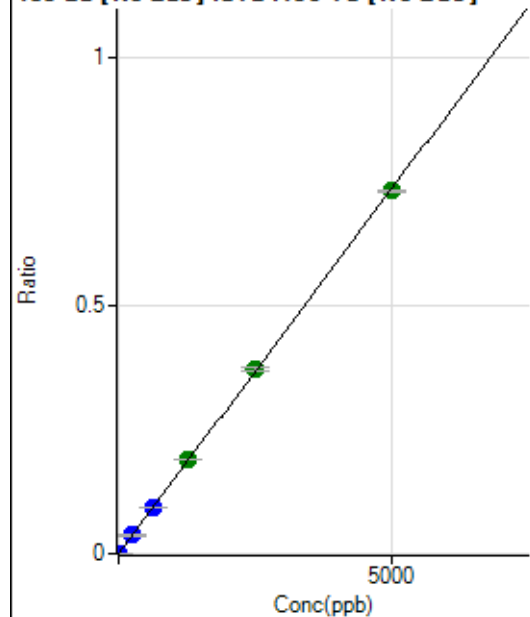
$$DL = 0.006792$$

$$BEC = 0.007422$$

Weight: <None>

Min Conc: 0

135 Ba [No Gas] ISTD :159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	53.33	0.0000	P	38.8
2	☐	10.000	8.454	11983.18	0.0012	P	2.4
3	☐	250.000	252.662	345247.10	0.0371	P	2.3
4	☐	625.000	636.678	866686.67	0.0935	P	2.5
5	☐	1250.000	1292.285	1768707.98	0.1899	A	0.5
6	☐	2500.000	2527.191	3362617.59	0.3713	A	2.4
7	☐	5000.000	4974.244	6743401.01	0.7308	A	0.7
8	☐			6004.76	0.0007	P	5.0

$$y = 1.4691\text{E-}004 * x + 5.6499\text{E-}006$$

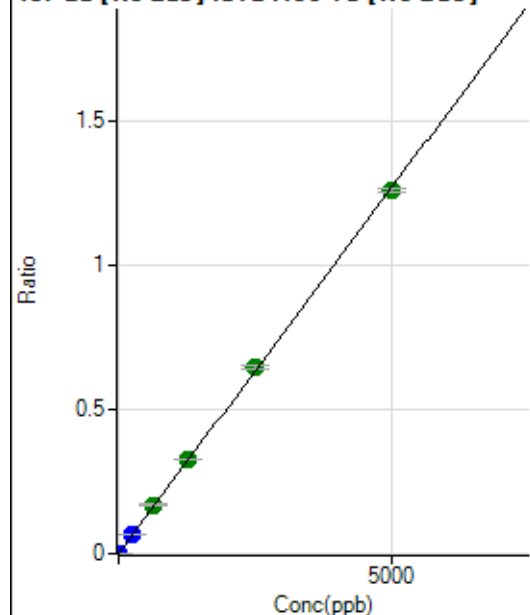
$$R = 0.9999$$

$$DL = 0.04479$$

$$BEC = 0.03846$$

Weight: <None>

Min Conc: 0

137 Ba [No Gas] ISTD :159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	71.11	0.0000	P	30.7
2	☐	10.000	8.666	21214.51	0.0022	P	1.0
3	☐	250.000	257.859	609076.25	0.0655	P	2.8
4	☐	625.000	665.014	1564955.65	0.1689	A	2.6
5	☐	1250.000	1281.410	3032009.47	0.3255	A	0.8
6	☐	2500.000	2556.391	5880317.41	0.6493	A	1.7
7	☐	5000.000	4958.560	11620635.66	1.2594	A	1.1
8	☐			10564.29	0.0012	P	3.4

$$y = 2.5398E-004 * x + 7.5420E-006$$

$$R = 0.9999$$

$$DL = 0.02738$$

$$BEC = 0.0297$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	69.3
2	☐			12.22		P	68.7
3	☐			25.56		P	32.8
4	☐			60.00		P	11.1
5	☐			92.22		P	24.6
6	☐			170.00		P	10.4
7	☐			380.01		P	16.2
8	☐			313.34		P	14.0

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐			0.00		P	
3	☐			3.33		P	100.
4	☐			6.67		P	50.0
5	☐			10.00		P	33.3
6	☐			30.00		P	48.4
7	☐			63.33		P	19.0
8	☐			90.00		P	39.2

156 Dy [No Gas] No available calibration points

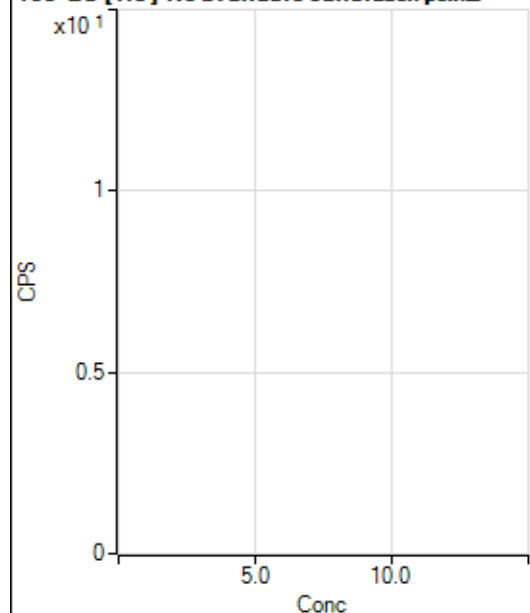
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐			12.22		P	41.7
3	☐			24.44		P	47.9
4	☐			57.78		P	16.6
5	☐			101.11		P	27.5
6	☐			205.56		P	4.1
7	☐			408.90		P	9.4
8	☐			1857.93		P	3.1

156 Dy [He] No available calibration points

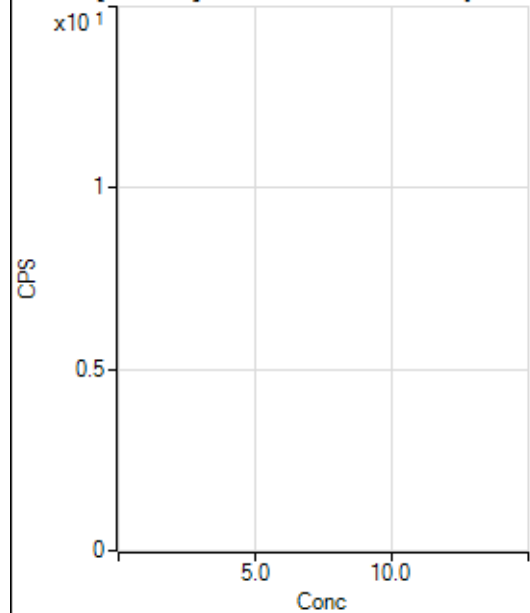
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			3.33		P	173.
3	☐			17.78		P	21.7
4	☐			27.78		P	18.3
5	☐			58.89		P	17.3
6	☐			113.34		P	27.0
7	☐			178.89		P	13.1
8	☐			932.27		P	4.3

160 Gd [No Gas] Noavailable calibration poin...

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			77.78		P	15.0
2	☐			81.11		P	20.7
3	☐			94.45		P	29.4
4	☐			114.45		P	7.3
5	☐			185.56		P	28.6
6	☐			241.12		P	10.5
7	☐			422.23		P	1.2
8	☐			2094.63		P	4.0

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			107.78		P	22.4
2	☐			116.67		P	15.9
3	☐			126.67		P	25.4
4	☐			133.34		P	28.4
5	☐			131.11		P	19.1
6	☐			183.34		P	22.8
7	☐			305.56		P	11.4
8	☐			1080.06		P	5.7

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			86.67		P	26.9
2	☐			64.44		P	25.5
3	☐			73.33		P	20.8
4	☐			80.00		P	60.1
5	☐			95.56		P	2.0
6	☐			121.11		P	1.6
7	☐			171.11		P	14.4
8	☐			290.00		P	7.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	36.1
2	☐			38.89		P	13.1
3	☐			28.89		P	48.0
4	☐			25.56		P	54.3
5	☐			37.78		P	22.2
6	☐			70.00		P	29.0
7	☐			77.78		P	8.9
8	☐			95.56		P	8.8

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.89		P	8.6
2	☐			50.00		P	29.1
3	☐			64.45		P	6.0
4	☐			68.89		P	24.4
5	☐			96.67		P	9.1
6	☐			147.78		P	9.4
7	☐			198.89		P	17.0
8	☐			177.78		P	14.1

172 Yb [He] No available calibration points

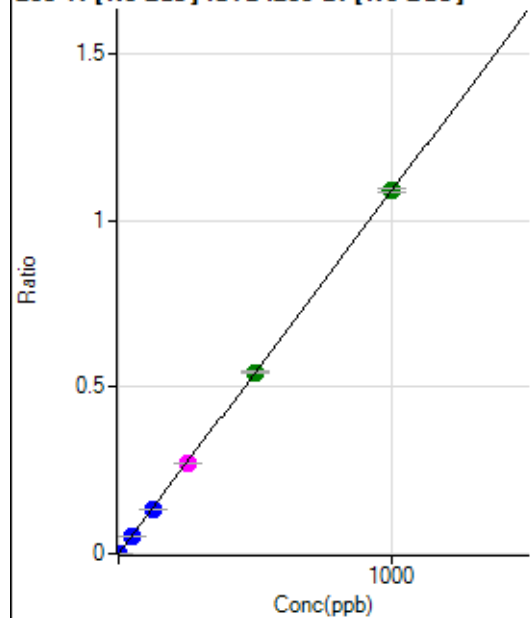
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	17.3
2	☐			34.44		P	43.6
3	☐			38.89		P	42.3
4	☐			45.56		P	21.1
5	☐			35.56		P	28.6
6	☐			80.00		P	8.3
7	☐			144.45		P	24.7
8	☐			84.45		P	30.1

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1218.96		P	1.0
2	☐			1145.62		P	5.7
3	☐			2453.59		P	6.5
4	☐			4583.06		P	1.4
5	☐			7837.96		P	1.3
6	☐			14324.55		P	0.8
7	☐			27830.56		P	1.9
8	☐			1070.06		P	5.6

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8836.38		P	1.4
2	☐			8583.98		P	2.8
3	☐			8798.57		P	1.8
4	☐			9648.04		P	1.9
5	☐			10921.28		P	1.5
6	☐			13991.94		P	2.2
7	☐			19760.47		P	0.7
8	☐			7809.04		P	1.6

203 Tl [No Gas] ISTD :209 Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	86.66	0.0000	P	9.1
2	☐	1.000	0.763	5501.21	0.0008	P	1.3
3	☐	50.000	46.794	319621.09	0.0509	P	2.5
4	☐	125.000	121.031	821077.08	0.1316	P	0.4
5	☐	250.000	249.028	1677376.92	0.2707	M	1.8
6	☐	500.000	500.981	3318879.36	0.5446	A	1.1
7	☐	1000.000	1000.409	6530588.31	1.0875	A	1.0
8	☐			2834.81	0.0005	P	4.6

$$y = 0.0011 * x + 1.3569E-005$$

$$R = 1.0000$$

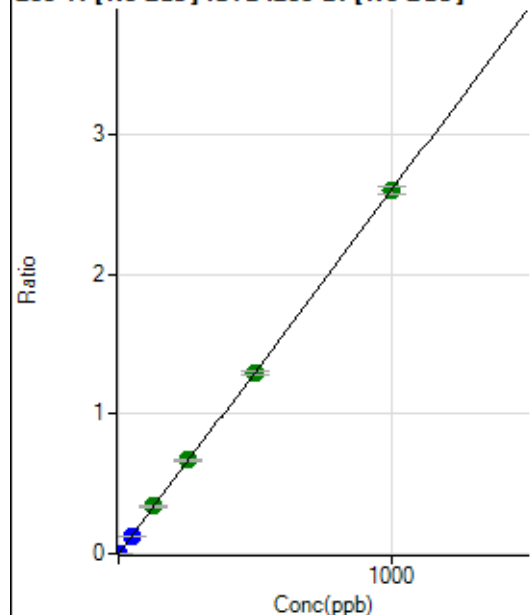
$$DL = 0.003418$$

$$BEC = 0.01248$$

Weight: <None>

Min Conc: 0

205 Tl [No Gas] ISTD:209 Bi [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	202.22	0.0000	P	7.5
2	☐	1.000	0.766	13194.58	0.0020	P	1.9
3	☐	50.000	47.943	783490.90	0.1247	P	1.4
4	☐	125.000	130.769	2121927.21	0.3401	A	2.4
5	☐	250.000	257.511	4147878.79	0.6696	A	1.5
6	☐	500.000	498.463	7898930.85	1.2962	A	1.7
7	☐	1000.000	998.273	15586203.52	2.5958	A	2.3
8	☐			6732.96	0.0013	P	7.0

$$y = 0.0026 * x + 3.1582E-005$$

$$R = 0.9999$$

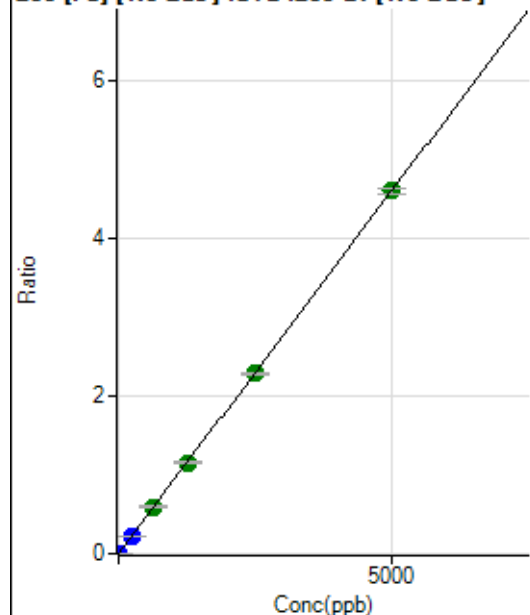
$$DL = 0.002745$$

$$BEC = 0.01215$$

Weight: <None>

Min Conc: 0

206 [Pb] [No Gas] ISTD:209 Bi [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	224.45	0.0000	P	4.6
2	☐	1.000	0.738	4646.44	0.0007	P	1.4
3	☐	250.000	234.200	1351047.37	0.2151	P	1.2
4	☐	625.000	644.529	3693165.12	0.5918	A	1.8
5	☐	1250.000	1258.731	7158847.74	1.1557	A	1.3
6	☐	2500.000	2484.915	13904213.41	2.2816	A	1.0
7	☐	5000.000	5003.709	27587140.98	4.5942	A	1.5
8	☐			20738.04	0.0039	P	4.4

$$y = 9.1815E-004 * x + 3.5067E-005$$

$$R = 1.0000$$

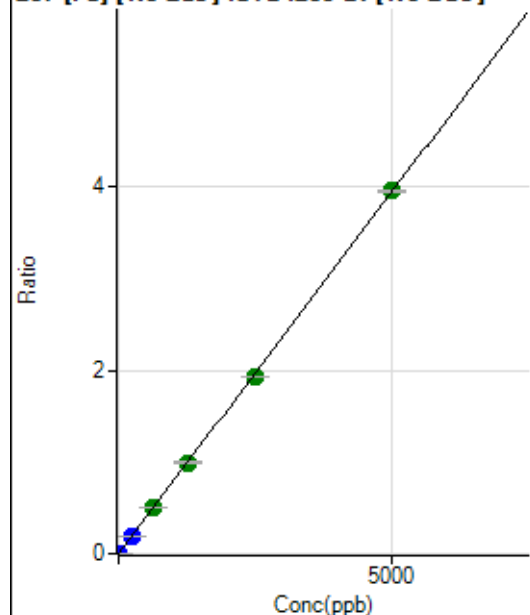
$$DL = 0.005259$$

$$BEC = 0.03819$$

Weight: <None>

Min Conc: 0

207 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	187.78	0.0000	P	7.3
2	☐	1.000	0.774	4164.06	0.0006	P	1.3
3	☐	250.000	238.939	1182016.00	0.1881	P	1.8
4	☐	625.000	646.947	3178445.20	0.5094	A	1.4
5	☐	1250.000	1262.387	6157348.80	0.9939	A	0.5
6	☐	2500.000	2451.127	11760254.27	1.9298	A	0.6
7	☐	5000.000	5019.149	23732089.92	3.9515	A	0.7
8	☐			17735.67	0.0033	P	3.3

$$y = 7.8729E-004 * x + 2.9336E-005$$

$$R = 0.9999$$

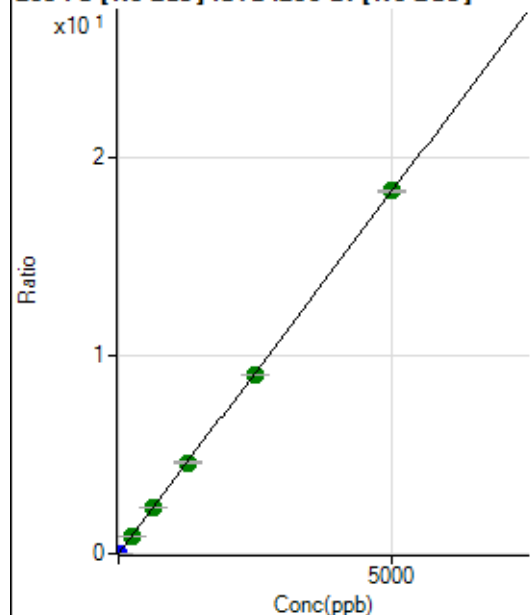
$$DL = 0.00815$$

$$BEC = 0.03726$$

Weight: <None>

Min Conc: 0

208 Pb [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	855.58	0.0001	P	8.4
2	☐	1.000	0.753	18810.00	0.0029	P	1.4
3	☐	250.000	245.256	5628975.02	0.8960	A	1.0
4	☐	625.000	642.599	14649357.84	2.3475	A	0.8
5	☐	1250.000	1259.078	28492731.04	4.5995	A	0.4
6	☐	2500.000	2469.972	54986866.69	9.0229	A	0.3
7	☐	5000.000	5010.782	109924321.7	18.3044	A	0.2
8	☐			83080.12	0.0154	P	5.2

$$y = 0.0037 * x + 1.3366E-004$$

$$R = 1.0000$$

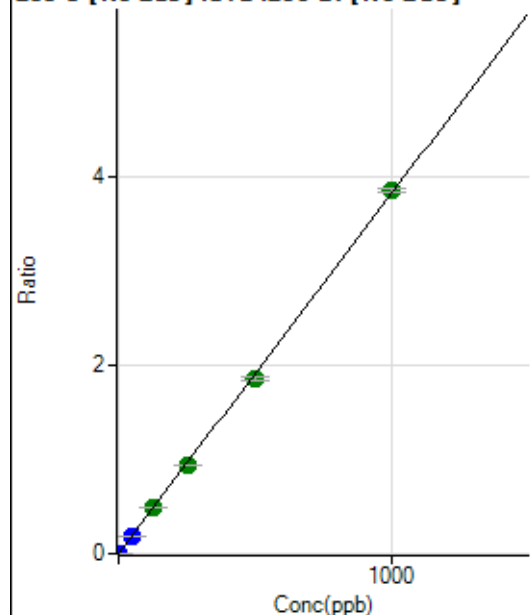
$$DL = 0.009231$$

$$BEC = 0.03659$$

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	87.78	0.0000	P	16.0
2	☐	1.000	0.752	18879.70	0.0029	P	1.8
3	☐	50.000	45.791	1102075.40	0.1754	P	0.7
4	☐	125.000	125.962	3011315.82	0.4826	A	0.4
5	☐	250.000	246.739	5855204.36	0.9452	A	0.9
6	☐	500.000	487.505	11381056.64	1.8676	A	1.9
7	☐	1000.000	1007.153	23167906.88	3.8582	A	1.2
8	☐			13125.92	0.0024	P	7.7

$$y = 0.0038 * x + 1.3691E-005$$

$$R = 0.9999$$

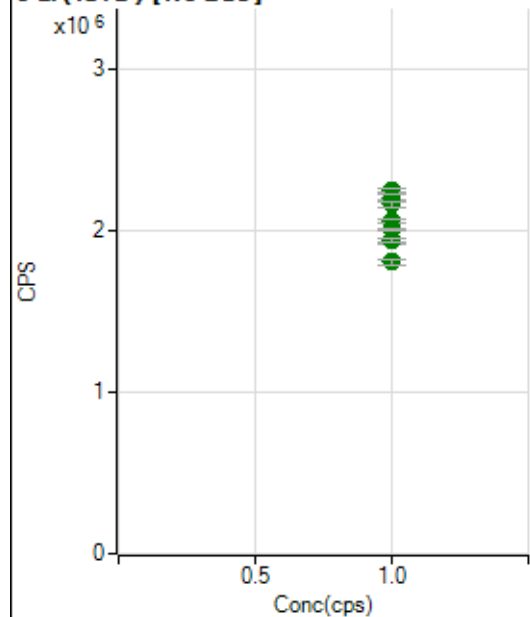
$$DL = 0.001713$$

$$BEC = 0.003574$$

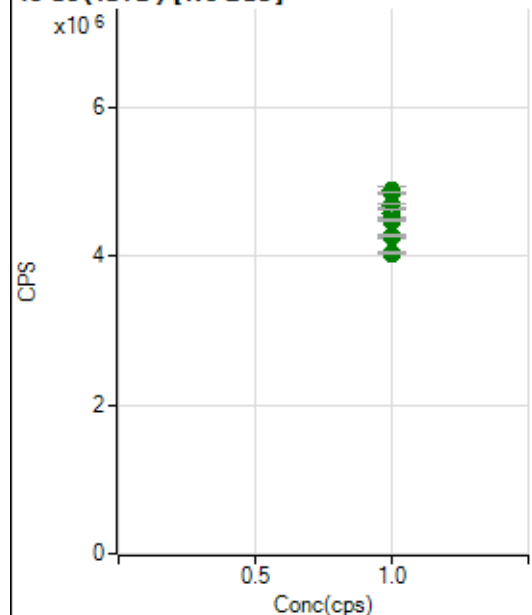
Weight: <None>

Min Conc: 0

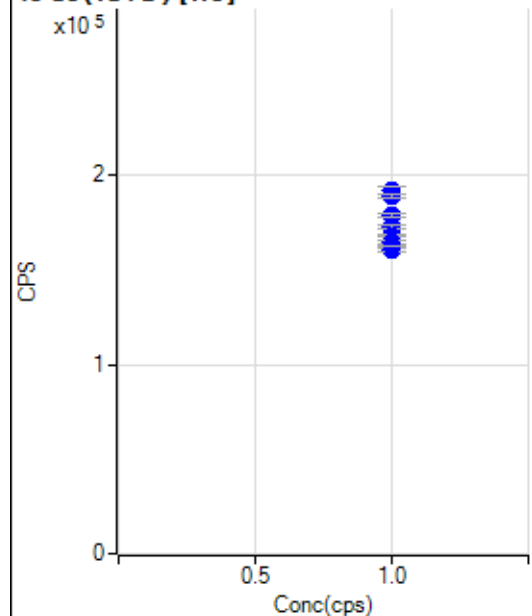
6 Li (ISTD) [No Gas]



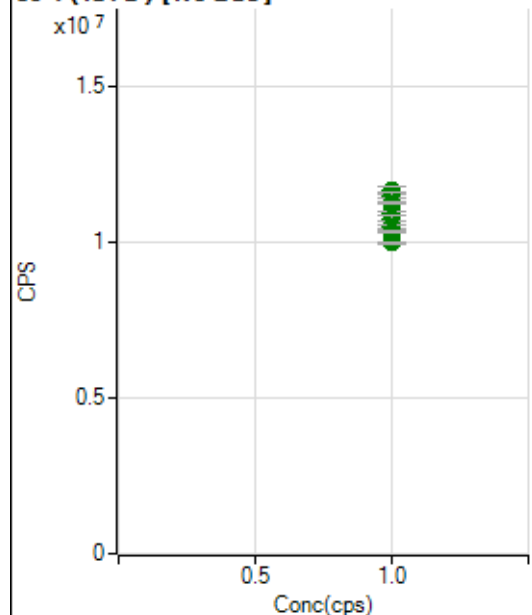
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2249971.08		A	1.0
2	☐	1.000		2208348.54		A	1.5
3	☐	1.000		2164698.43		A	1.6
4	☐	1.000		2060669.92		A	1.1
5	☐	1.000		2013041.18		A	0.6
6	☐	1.000		1940786.07		A	1.7
7	☐	1.000		1944886.38		A	1.6
8	☐	1.000		1808576.78		A	2.1

45 Sc (ISTD) [No Gas]

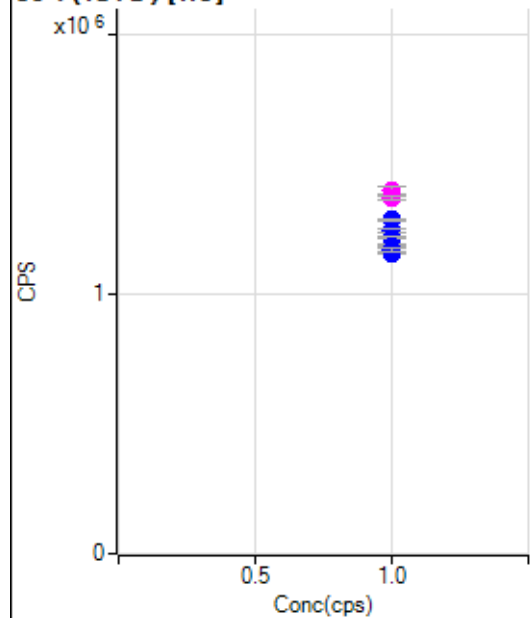
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4877099.44		A	2.1
2	☐	1.000		4855743.26		A	0.4
3	☐	1.000		4680758.54		A	1.1
4	☐	1.000		4567325.28		A	2.4
5	☐	1.000		4484936.84		A	0.9
6	☐	1.000		4255352.37		A	0.7
7	☐	1.000		4273812.68		A	0.4
8	☐	1.000		4039910.25		A	0.8

45 Sc (ISTD) [He]

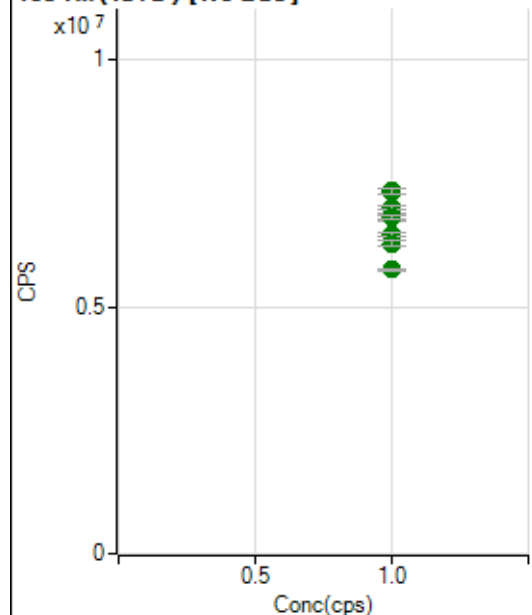
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		191987.17		P	2.2
2	☐	1.000		188965.61		P	1.0
3	☐	1.000		179160.51		P	0.6
4	☐	1.000		173101.05		P	0.8
5	☐	1.000		168392.52		P	0.6
6	☐	1.000		164614.38		P	1.0
7	☐	1.000		160780.12		P	1.8
8	☐	1.000		162657.55		P	0.3

89 Y (ISTD) [No Gas]

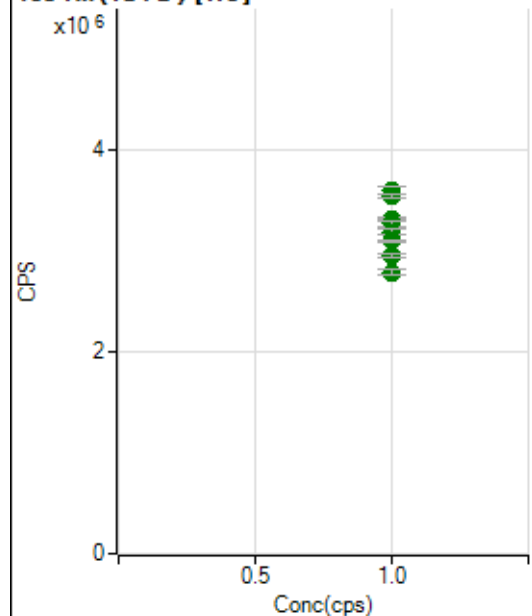
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11634103.99		A	2.3
2	☐	1.000		11500132.05		A	1.3
3	☐	1.000		11253305.95		A	1.1
4	☐	1.000		10913751.99		A	1.6
5	☐	1.000		10757182.13		A	1.5
6	☐	1.000		10488289.57		A	1.2
7	☐	1.000		10325310.61		A	0.9
8	☐	1.000		9962993.74		A	0.9

89 Y (ISTD) [He]

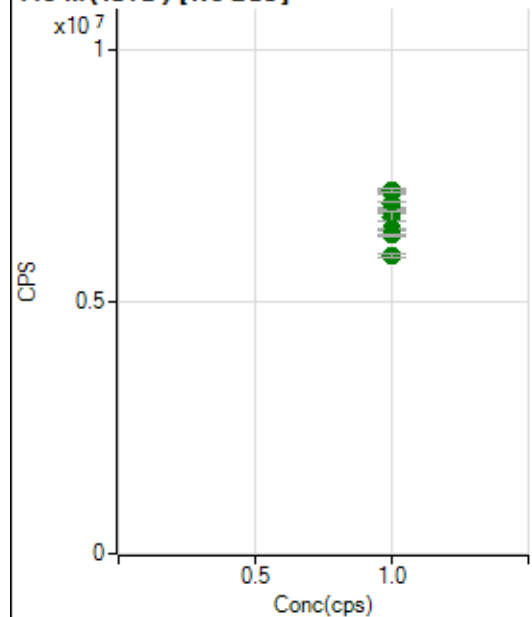
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1395740.93		M	2.0
2	☐	1.000		1367618.51		M	1.3
3	☐	1.000		1284256.35		P	0.4
4	☐	1.000		1244029.13		P	1.0
5	☐	1.000		1215408.98		P	0.7
6	☐	1.000		1186483.90		P	0.5
7	☐	1.000		1156950.63		P	0.6
8	☐	1.000		1169186.04		P	0.9

103 Rh (ISTD) [No Gas]

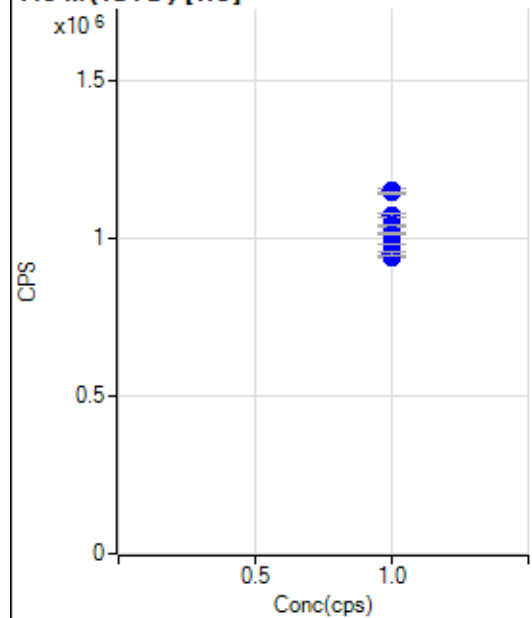
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7342414.33		A	1.3
2	☐	1.000		7353635.38		A	1.3
3	☐	1.000		7024018.30		A	1.2
4	☐	1.000		6820382.26		A	2.5
5	☐	1.000		6816072.26		A	1.2
6	☐	1.000		6472650.46		A	1.0
7	☐	1.000		6290303.66		A	1.6
8	☐	1.000		5757310.95		A	0.6

103 Rh (ISTD) [He]

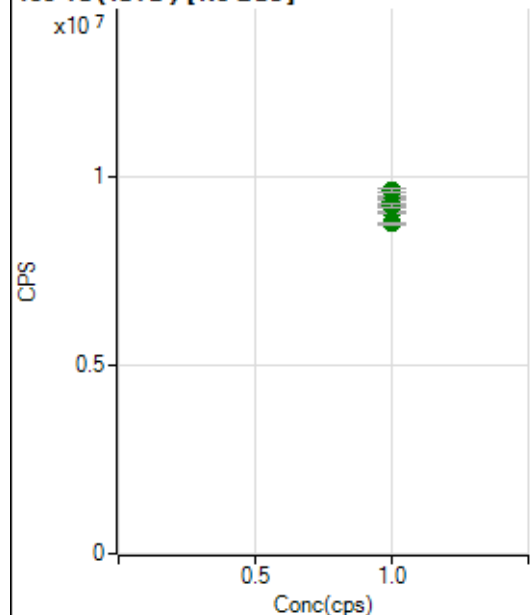
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3588209.22		A	2.0
2	☐	1.000		3538011.16		A	1.0
3	☐	1.000		3317831.69		A	0.9
4	☐	1.000		3265638.35		A	1.6
5	☐	1.000		3182149.92		A	1.7
6	☐	1.000		3091292.94		A	0.6
7	☐	1.000		2945488.70		A	0.8
8	☐	1.000		2785542.25		A	1.6

115 In (ISTD) [No Gas]

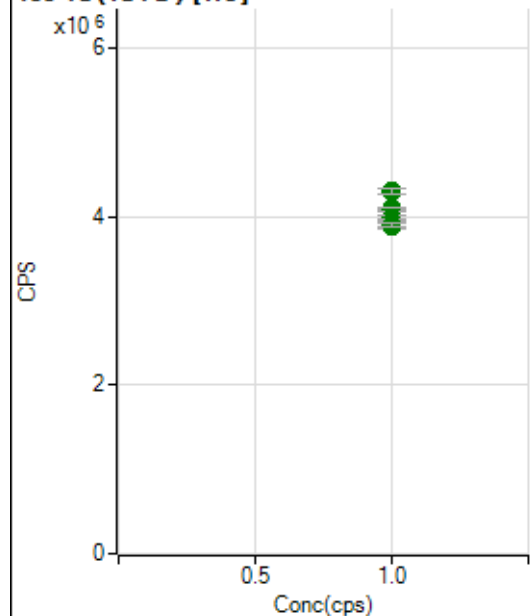
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7175838.79		A	1.1
2	☐	1.000		7212846.61		A	1.1
3	☐	1.000		6943622.70		A	1.9
4	☐	1.000		6806785.28		A	1.1
5	☐	1.000		6705234.71		A	2.7
6	☐	1.000		6449168.11		A	0.8
7	☐	1.000		6330154.81		A	0.6
8	☐	1.000		5938825.50		A	1.2

115 In (ISTD) [He]

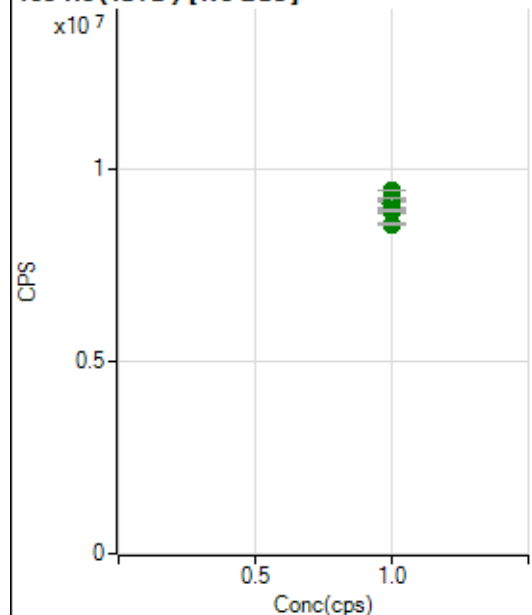
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1149886.88		P	1.2
2	☐	1.000		1143449.05		P	0.6
3	☐	1.000		1074987.00		P	1.2
4	☐	1.000		1039752.39		P	0.4
5	☐	1.000		1013797.58		P	0.8
6	☐	1.000		980817.44		P	0.4
7	☐	1.000		941315.45		P	0.7
8	☐	1.000		952082.54		P	1.5

159 Tb (ISTD) [No Gas]

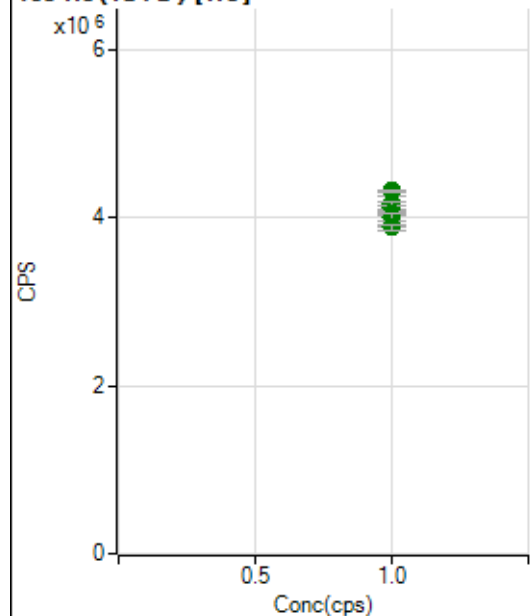
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9432636.11		A	0.3
2	☐	1.000		9606810.55		A	1.2
3	☐	1.000		9302922.50		A	2.2
4	☐	1.000		9268416.32		A	1.9
5	☐	1.000		9316425.14		A	1.2
6	☐	1.000		9057324.24		A	0.7
7	☐	1.000		9228156.25		A	1.2
8	☐	1.000		8750595.57		A	0.5

159 Tb (ISTD) [He]

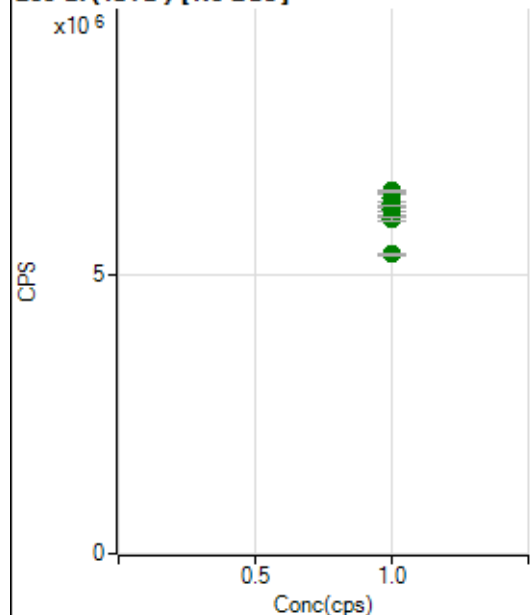
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4298844.38		A	1.7
2	☐	1.000		4305310.49		A	1.5
3	☐	1.000		4099630.91		A	0.8
4	☐	1.000		4075311.67		A	1.1
5	☐	1.000		3995267.37		A	1.4
6	☐	1.000		3952796.89		A	0.4
7	☐	1.000		3890173.90		A	2.3
8	☐	1.000		3904529.42		A	1.3

165 Ho (ISTD) [No Gas]

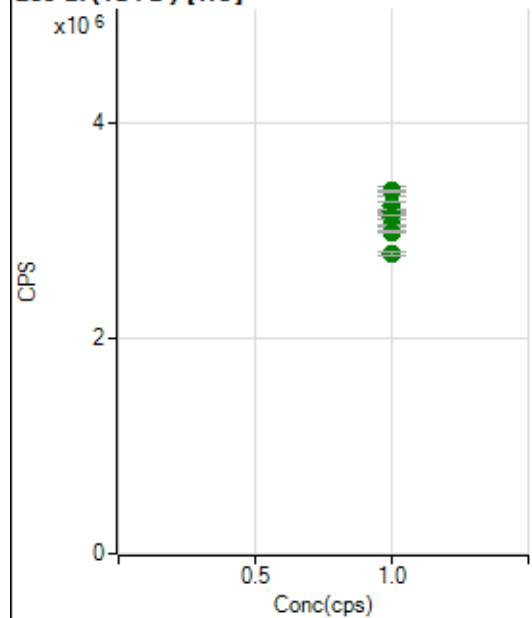
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9215170.98		A	1.4
2	☐	1.000		9453360.69		A	0.2
3	☐	1.000		9130197.23		A	2.4
4	☐	1.000		9140665.91		A	2.5
5	☐	1.000		8943732.57		A	1.5
6	☐	1.000		8902365.98		A	0.4
7	☐	1.000		8947779.10		A	1.0
8	☐	1.000		8588005.84		A	0.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4296957.92		A	1.6
2	☐	1.000		4322251.74		A	0.8
3	☐	1.000		4122869.25		A	1.2
4	☐	1.000		4168112.30		A	1.0
5	☐	1.000		4062177.68		A	1.2
6	☐	1.000		4015616.92		A	2.4
7	☐	1.000		3904190.04		A	1.1
8	☐	1.000		3892780.67		A	1.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6396097.61		A	2.4
2	☐	1.000		6521736.78		A	0.5
3	☐	1.000		6282471.78		A	1.3
4	☐	1.000		6240300.95		A	1.0
5	☐	1.000		6194859.70		A	1.7
6	☐	1.000		6094159.35		A	0.1
7	☐	1.000		6005413.80		A	1.3
8	☐	1.000		5380142.63		A	0.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3361448.60		A	2.5
2	☐	1.000		3364556.44		A	0.9
3	☐	1.000		3219060.09		A	2.3
4	☐	1.000		3166654.15		A	1.2
5	☐	1.000		3118058.95		A	1.0
6	☐	1.000		3043162.28		A	0.6
7	☐	1.000		2981689.43		A	0.8
8	☐	1.000		2781976.17		A	1.4